

Exemption 6

From: [Michael Stephenson](#)
To: [Jump, Christine](#)
Cc: [SMITH, MARTIN L](#); [Akhter Hossain](#); [Tony Carmeli](#); [John Cook](#); mkamal@kdheks.gov
Subject: Final IRM Workplan Comment Responses
Date: Thursday, July 24, 2014 6:34:04 PM
Attachments: [IRM WP Final RTC Letter.pdf](#)

Hello Chris,

As we discussed earlier today, attached please find the complete and final response to comment package for the IRM work plan. We look forward to receiving your approval for Phases II-IV as Phase I has already been approved and is underway. This package includes all comments and responses including revised supporting materials for all comments received to date.

Thanks,

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Ms. Christine R. Jump L.G.
U.S. EPA Region 7
Waste Remediation and Permitting Branch
11201 Renner Boulevard
Lenexa, KS 66219

July 24, 2014

SUBJECT: RESPONSE TO COMMENTS ON DRAFT RCRA SOIL INTERIM REMEDIAL MEASURE WORK PLAN, CLEAN HARBORS WICHITA FACILITY, 2549 NEW YORK AVE, WICHITA KANSAS (RCRA ID # KSD007246846)

Dear Ms. Jump:

Thank you for your comment letter received via email on April 4, 2014 on the above referenced document. Clean Harbors is providing the following responses to your comments below. Clean Harbors had previously responded in a letter dated May 2, 2014 to those comments pertaining to phase I of the IRM work plan to expedite the start of that work and is now providing a complete response to all comments received so that the entirety of the IRM work plan can be approved and all work described in the plan can proceed.

Responses to the complete April 4, 2014 comment letter are provided initially followed by responses to follow up comments received on the May 2, 2014 letter and email dated July 7, 2014. As such, this letter provides a response to all comments received to date on the DRAFT Interim Remedial Measure Work Plan.

April 4, 2014 Comment Letter

EPA's specific comments and Clean Harbors responses are provided below.

- 1. Section 1.0: The purpose, and benefit of the proposed soil interim remedial measure is not stated. It is EPA's understanding that the purpose of this IRM is to remove an ongoing source of contamination to ground water under the facility.**

CH Response: The purpose of this IRM is to remove a potential ongoing source of contamination to groundwater and to reduce the potential risks associated with human exposures to impacted soil at the Site.

- 2. Section 1.1, page 2, 2nd paragraph: This paragraph indicates that Wichita ordinance No. 43-156 does not allow ground water use within the NIC site. Please note that the ordinance only restricts "personal use" of ground water in contaminated areas.**

CH Response: The distinction between the wording used in the DRAFT IRM Work Plan and the wording of the cited ordinance is noted. All future reports and correspondence referencing Wichita ordinance No. 43-156 will accurately reflect this distinction.

3. ***Section 1.3, page 3:*** *The most recent version (March 2014) of the RSK tier 2 soil to groundwater protection values should be used for the interim action objectives (IAOs).*

CH Response: The March 2014 RSK tier 2 soil to groundwater protection values will be used as the IAOs for this interim action. Table 1 (attached) has been revised to reflect this change.

4. ***Section 1.3, page 4:*** *The EPA notes that if KDHE Tier 2 industrial direct contact values are used as IAOs for the metals instead of residential values, additional controls may be required as part of the final remedy. Based on a cursory review of the data, most, if not all, residential exceedances occur in the areas where excavation is already proposed, but a brief discussion of Mercury would need to be added to Section 2.2. The EPA recommends using residential direct contact values rather than the industrial direct contact values as the IAOs for metals.*

CH Response: Clean Harbors concurs that the exceedances of residential direct contact values occur primarily in those areas planned for excavation and recognizes that additional controls may be required as part of the final remedy. Clean Harbors plans to further evaluate the need for any additional controls following implementation of the IRM using confirmatory soil sample results. For the purposes of this IRM, Clean Harbors believes use of industrial direct contact values is more appropriate considering current and anticipated future land use and the inherent conservatism of the Tier II RSK direct contact values.

5. ***Section 2.1, page 5, 2nd paragraph:*** *This paragraph states that soil impacts are the result of historic releases from solid waste management unit tanks, pipelines, and surface impoundments. This does not appear to be accurate, since the EPA is unaware of surface impoundments at this facility. Please evaluate this statement and revise as appropriate.*

CH Response: There are no surface impoundments at the CH Wichita Facility. Please consider this response a retraction of the statement indicating such in the DRAFT IRM Work Plan.

6. ***Section 3.1, page 11-12:*** *It is the EPAs understanding that Figures 9 and 12 are not intended to be used for evaluating building closure activities because they do not reflect the data collected immediately beneath the concrete floors. Therefore, when submitting rinsate data and subsurface soil data for regulatory review and determination of disposal or re-use options for the concrete, please include a statement summarizing your interpretation as to whether the data indicates impacts to the concrete.*

CH Response: EPAs understanding is correct. Figures 9 and 12 are not intended to be used to evaluate near surface soil conditions underlying the concrete. Rinsate data submitted to EPA and KDHE will be transmitted with all available subfloor soil data and an interpretation as to how CH believes this data pertains to the re-use of the concrete.

7. ***Section 3.1, page 12, bullet #6: The closure and partial closure plans require sampling beneath floor cracks and sumps. If there are cracks in the floor of Building J that were not addressed to the KDHEs satisfaction by sampling to date, additional sampling or floor removal may be necessary in those areas. Please note, the closure plans require analysis for everything for which the facility is permitted. The proposed closure sampling was postponed due to the presence of VOCs above the IAOs. Therefore, based on the analytical sampling results presented in the draft IRM work plan, sampling for the full suite of compounds required by the closure plan has not been performed. Please propose a sampling plan to address these concerns (see also comment 12 below)***

A cost estimate previously prepared for the Wichita facility listed the following sumps at the facility: 5 sumps located in Building D; 2 sumps located in building B; 1 sump located in Building J; 1 sump located in Building I; and 3 sumps located in the Processing Area. The Analytical data table only indicates one sump area sampled to date, in building D. Please prepare and submit a figure locating these other sumps prior to demolishing the buildings. If these sumps are in areas not currently proposed for excavation, additional sampling will be necessary after the concrete in these areas is removed to determine if excavation is required. (this is not necessary for the sump in building I).

CH Response: Corrective actions undertaken within Building J will result in the majority of the floor of the building and the underlying soils to be removed. Inspections of the floor performed prior to and during floor removal provided no evidence of any through cracks or staining of the underlying soil. Should waste operations within Building J be resumed in the future, collection of samples beneath cracks and sumps will be performed as a part of the closure process. In the event that waste operations are not resumed within Building J, crack samples will be collected under those portions of the floor that were not removed as a part of the ongoing corrective action to demonstrate achievement of closure standards.

Samples collected beneath Buildings B, D and J were collected for analysis of VOCs, SVOCs, metals, pesticides, herbicides and PCBs as specified in the RFI work plan. With the exception of the pesticide, herbicide and PCB results, the IRM workplan included soil results for all of these compounds. A table of pesticide, herbicide and PCB results is included as Table 7.

The number of confirmation samples for VOCs will be determined in accordance with the requirements set forth in comment 11 below. No SVOCs, pesticides, herbicides or PCBs were detected at concentrations exceeding IAOs during the phase IV RFI and

follow up supplemental investigations. Concentrations of select metals (arsenic, chromium, lead) that exceeded IAOs were detected but only in those areas where excavation is proposed. Due to the relative absence of these compounds in phase IV RFI samples, Clean Harbors proposes to collect confirmation samples for SVOCs, pesticides, herbicides or PCBs at a frequency of 10% of the VOC confirmation sample quantity within each of the areas going through closure (Buildings B, C, D and the Process Area).

The attached Table (Confirmatory Sample RL MDL) provides the analyte lists that will be used during each phase of the IRM and identifies those compounds that will be analyzed for closure purposes.

The attached Figure X depicts the location of sumps present at the facility within the areas for which closure is being sought (i.e. sumps locations for Building J and I and not shown). As shown on the figure, the sumps present at the facility within the buildings undergoing closure are located within the proposed excavation limits with the exception of the sump located in the center of Building B. Because soil in the vicinity of these sumps will be excavated during implementation of this IRM, no sampling beneath these sumps will be performed. Soil beneath the sump in the center of Building B will be sampled during the course of the IRM activities to determine if any evidence of an historic release is present.

8. *Section 3.2, page 12: Building locations and key landmarks should be surveyed or otherwise marked prior to building demolition so that boring locations and contaminated areas can be accurately located and excavated as proposed.*

CH Response: The locations of all soil borings installed to date have been surveyed by a licensed professional land surveyor. Further, the locations of all building corners and other key site landmarks were re-surveyed in October 2013 to ensure basemap consistency with current survey control points. Additional survey control points will be added as needed during the course of the project to facilitate surveying of excavation limits and confirmatory sample locations.

9. *Section 3.3, page 14: State where soil will be taken for offsite treatment or what landfill(s) will be used for disposal of excavated soil. State how soil will be transported.*

CH Response: Soils designated for incineration (which includes only some soil from the west side of Building I) will be transported by truck to the Clean Harbors Nebraska facility in Kimball Nebraska. The remainder of the excavated soil will be transported by truck to the Clean Harbors Lone Mountain facility in Waynoka Oklahoma.

10. *Section 3.5, page 15: Imported backfill material must be sampled for total VOCs, SVOCs and metals. Results must be below the IAOs for the Site.*

CH Response: Imported backfill material will be sampled at a rate of 1 sample for every 500 cubic yards of soil in accordance with Kansas State regulations. These samples will be

analyzed for VOCs (8260), SVOCs (8270) and metals (6010) to confirm that concentrations of COCs in backfill materials are below IAOs. Soil will only be used for backfill if these data demonstrate concentrations below IAOs.

- 11. Section 4, Page 16:** Additional confirmation sampling will be necessary for confirmation that the soils remaining after excavation are below the IAOs. The following standards must be used to determine the minimum confirmation sampling allowed for the Soil IRM at the Clean Harbors Wichita Facility.

- At least one Bottom sample collected per grid unit <= 2500 square feet. Grid units > 2,500 square feet must have at least 2 bottom samples collected.
- At least one side wall sample collected per 50 linear feet of horizontal side wall.
- At least one side wall sample collected per 5 linear feet of vertical side wall.
- Confirmation samples should be representatively distributed based on the dimensions above, and additional biased confirmation samples should be collected based on staining, odors, changes in soil conditions, unusual excavation footprints, or other factors which may indicate the presence of contamination.

CH Response: The confirmation sampling will be performed in accordance with the specifications prescribed above. The attached Table (Confirmatory Sample RL-MDL) lists the specific compounds that will be analyzed during each phase of the IRM in addition to those additional compounds that will be analyzed in confirmatory samples for closure purposes. All confirmatory samples will be analyzed for VOCs as RFI data collected to date indicates these compounds are the most prevalent contaminants at the facility. Due to the relative absence of the remaining compounds in RFI samples, Clean Harbors proposes to analyze confirmatory samples for these compounds at a rate of 10% of the VOC samples. In areas where RFI activities have identified metals at concentrations exceeding IAOs, confirmation samples for metals will be sampled at the same frequency as VOCs.

- 12. Section 4, page 16:** There is no Sampling and Analysis plan (SAP) or Quality Assurance/Quality Control (QA/QC) plan and no reference to existing SAP or QA/QC plans for the collection and analysis of samples associated with this IRM. Necessary details include, but are not limited to, the sampling method and type of confirmation samples that will be collected, sample labeling protocol, and data quality objectives, such as the analytical methods that will be used, the compounds included in those methods and quantitation limits that will be reported, the number and type of QA/QC samples, and the name of the laboratory to which the samples will be submitted. If the samples will be collected and analyzed in accordance with a previously approved document for this site, please provide the reference to that document and discuss any task specific variations in detail. Please note, the SAP and QAPP for the closure plans require analysis of additional compounds not presented in the data results submitted with the IRM work plan.

CH Response: The confirmation samples will be collected and analyzed consistent with the approved SAP and QAPP used for the RFI Phase IV investigation. Dalapon analysis for confirmatory samples beneath Building J will be performed by Test America Seattle. The QAPP for this laboratory is attached. If needed due to lab capacity or quicker turnaround, a local laboratory (PACE analytical) may be used for sample analysis. If this change is made, the PACE Analytical QAPP will be sent to EPA and KDHE.

13. Section 5, page 16: *The Soil Interim Measure Completion report must also include figures documenting the final lateral and vertical extent of excavation, confirmation sample locations, PID reading locations and values resulting in additional excavation, the location of any stockpiles and descriptions of any variations from the IRM work plan.*

CH Response: The Soil Interim Measure Completion report will include the requested information.

14. Section 6, page 17 and Figure 13. *Please add collection and review of confirmation samples to each phase between excavation and restoration activities. EPA requests that the draft confirmation sample locations and initial results be submitted to the regulatory agencies for feedback prior to restoration; however, the EPA also understands that, at times, conditions may require backfilling and restoration prior to review/approval of the results by the EPA.*

CH Response: A revised Figure 13 is attached. Where possible, Clean Harbors will transmit the locations of and results of confirmation samples to EPA for review and approval prior to restoration.

15. Section 6, page 17 and Figure 13: *The IRM work plan does not discuss public involvement. Based on the fact that this IRM may constitute a significant portion of the final site remedy and, based on the fact that there will be a noticeable increase in site activity during implementation of the IRM, EPA believes it is appropriate to provide public notice of the IRM activities. This is not for the intent of soliciting public comment on a proposed interim measure, but rather to keep local government officials and area residents informed as to site activities. The EPA request that Clean Harbors develop a fact sheet describing the interim measure for distribution to the facility mailing list and interested parties in the immediate site vicinity. The draft fact sheet and mailing list should be submitted to the EPA and KDHE for review. Upon approval by the regulatory agencies, the fact sheet should be distributed to the mailing list. The EPA also recommends that a legal notice regarding the interim measure be placed in the local newspaper. The schedule for these activities should be included on Figure 13.*

CH Response: A Public Notice, reviewed and revised by EPA, was sent out to the mailing list on July 16, 2014. A copy of the public notice and mailing list is attached.

16. Figures 9 and 12: *According to Table 3. The excavations are depicted in the central portion of the facility on these figures should be extended to the south to incorporate boring S11-22 in Building B.*

CH Response: Revised Figures 9 and 12 are included which reflect these changes.

17. Figures 9 and 12: The excavation area depicted on the northwest portion of the facility associated with Building C should be extended south to incorporate boring B-105, at a minimum. The south side of this excavation area is not clearly defined since there is no boring south of B-105 within 50 feet and borings S18-4 and B-106V contain concentrations of PCE just under the IAO.

CH Response: Revised Figures 9 and 12 are included which reflect these changes.

18. Figure 10: Please specify the LDR standards on this figure in the legend.

CH Response: Figure 10 has been revised to reflect the areas where concentrations exceed LDR limits and specific references and numeric LDR limits have been listed on the figure.

19. Figure 13: Please add an end date to the schedule for each task based upon the start date and duration. The EPA understands that these dates will require periodic revision through the IRM

CH Response: An updated schedule for the project is attached. The schedule will be updated and forwarded to EPA and KDHE periodically throughout the project.

20. Table 1: Update this table using the March 2014 KDHE Tier II RSK values.

CH Response: A revised Table 1 using the updated RSK values is attached. The values listed in this table, and not those listed in other tables provided with the DRAFT IRM work plan, will be used for comparison purposes.

21. Table 2: Revise the IAOs as necessary on this table and include page numbers.

CH Response: A revised Table 2 with the requested edits is attached.

The following follow-up comments were received from Chris Jump via email on May 6, 2014. Clean Harbors responses to these supplemental comments were transmitted on May 30, 2014 and are provided here for completeness.

- 1) Prior to initiating the work, submit a figure illustrating the area(s) to be addressed during Phase I of the RCRA Soil IM. Include any areas exceeding LDR limits.

CH Response: The attached figure (Phase I-II IRM with LDRs) provides the areas to be addressed during Phase I of the work (note this is limited only to the areas designated as phase I in the drawing). The only area with constituent concentrations exceeding LDR limits are located immediately west of Building I. Soils at a depth of 10 feet bgs at this location contained concentrations of COCs exceeding LDR limits. The LDR limits and references are shown in the figure legend.

- 2) Prior to initiating the work, submit a Table listing the specific compounds, analytical methods, detection limits and quantitation limits that will be used for analysis of Phase I soil confirmation samples.

CH Response: The attached table (confirmatory sample RL-MDL Phase I) provides the requested information. It should be noted that matrix interference and other analytical issues may prevent attainment of these RLs in all samples. (Note: the previous response to this comment included only those compounds associated with confirmation sampling in phase I of the project). The table attached to this letter includes the RL and MDLs for all compounds to be analyzed under Phases I-IV of the IRM.

- 3) It is EPA's understanding that Table 1 lists all chemicals detected above regulatory levels. Revise Table 1 or add a separate table to include all compounds detected on site (including those below regulatory levels) and their associated IAOs.

CH Response: The attached Table (Revised Table 1) provides the proposed IAOs for all compounds detected to date at the Site. Residual concentrations of COCs that exceed IAOs following completion of the IRM will be further evaluated in the CMS.

- 4) Table 2. Table 2 indicates that a KDHE Tier II RSK value for the compound Dalapon is not available. Dalapon has a MCL value for protection of ground water and the EPA has a soil->GW regional screening level (RSL) of 0.041 mg/kg. Dalapon was detected in Building J at concentrations above the EPA RSL but all of the analyses for Dalapon were either j-coded or had detection levels that exceeded the EPA RSL. KDHE has indicated that they plan to calculate a Tier II soil->GW RSK value for Dalapon, but it is unclear when this information will be available. EPA strongly recommends that confirmation samples in Building J be analyzed for Dalapon at detection levels below the RSL, if possible. Further discussion of IAO for Dalapon at this site should be included in the Site-wide response to comments on the Soil IM work plan.

CH Response: The attached table (Revised Table 1) includes an IAO for dalapon of 0.929 mg/kg. This value was taken from your email dated May 12, 2014 and is greater than all Dalapon detections in site soils to date. The IAO for dalapon was calculated by KDHE using formulas and assumptions in accordance with RSK manual.

- 5) Comment 7 Response: The text response to this comment indicates that all sumps present at the facility are located on Figure X; however, figure X does not show the sumps in Buildings J and I. The sumps in Buildings J and I are not required to be investigated at this time since these buildings are being retained for use under the permit; however, the figure should be revised to

either show all sumps or specify what sumps are shown. This revised figure may be submitted with the site-wide response to comments on the Soil IM work plan.

CH Response: The attached Figure (Figure X – sump locations) has been revised with a note in the legend indicating that sumps in Buildings J and I are not shown since these buildings are not going through closure at this time.

- 6) Comment 10 Response: This comment indicates that backfill material will be sampled but it does not state how this data will be used. All backfill material used on site must meet site IAO objectives. Naturally occurring compounds must be within qualitatively evaluated naturally occurring ranges as approved by EPA.

CH Response: All backfill material used on site will be sampled to confirm that COC concentrations are below IAOs. Naturally occurring compounds in the backfill material will be qualitatively evaluated and discussed with EPA prior to importing the material for use as backfill.

- 7) Comment 14 Response: As discussed with Mike Stephenson on May 5, 2014, draft data results for all confirmation samples will be transmitted to EPA and KDHE within 72 hours of receipt by Clean Harbors. Sharing of data as quickly as possible will help facilitate communication and expedite decisions or identify potential problems quickly.

CH Response: Clean Harbors will submit the final confirmatory sample results within 72 hours of completing an excavation and prior to backfilling where possible.

- 8) Comment response 18: Please include LDR information pertinent to Phase I work on the figure requested in comment 1 above. When Figure 10 is revised for the site-wide response to comments on the Soil IM work plan, please identify all pertinent compound-specific LDRs in the Figure Legend.

CH Response: The attached Figure (Phase I-II IRM with LDRs includes the LDR limits for all compounds detected above LDR limits and a reference to the appropriate CFR.

The following follow up comments were received from Chris Jump on July 7, 2014 regarding the Confirmatory Sample RL-MDL table which was inadvertently omitted from the prior response. The EPA comments and Clean Harbors response is provided below.

1. In the notes, RL is defined as the Reporting Limit. In a previous conversation, you told me that the RL for this project would also be the Quantitation Limit (QL). This needs to be stated or included in the definition of RL since the RLs may vary depending on the lab or at a clients request.

CH Response: The Table has been revised to indicate that the RL and PQL will be the same value.

2. 1,4-Dioxane does not appear to be included in the table, and must be added.

CH Response: 1,4-dioxane has been added to the table.

3. There are a lot of NAs listed as the IAO on this table. NA is not defined in the table and EPA does not believe NA is an appropriate Interim Action Objective. EPA realizes that many of the compounds with NAs were not detected during the RFI phases, however, detection levels and required analyses varied between phases and that is not a guarantee that those compounds will not be detected during the closure sampling. It is EPAs understanding that the compounds with NAs were not listed in the KDHE RSK manual; however, many of those chemicals are listed in the EPA RSL tables. Please propose an IAO for these compounds or propose a method of determining and IAO.

CH Response: The table presents an IAO for every compound detected in soil at the Site. No IAOs are proposed for compounds not detected to date at this Site because the objective of the interim action is to remove soil containing concentrations of detected compounds that exceed the IAO. If compounds are detected in confirmation samples that have not been previously detected at the Site, these compounds will be addressed in the CMS and post excavation risk assessment.

4. The table states, "other compounds to be analyzed at a frequency of 10% of the total VOC analyses, where specified". Since elevated metals have been detected in several locations across the Site, EPA will require metals be analyzed at the same frequency as VOCs.

CH Response: Clean Harbors will collect confirmation samples for metals analysis at the same frequency as VOCs in the northeastern corner, the processing area and Building B, the only locations where excavation is being performed where RFI data indicates metals are present at concentrations exceeding IAOs. Metals analysis will be performed at a rate of 10% that of the VOC analysis in other areas where no evidence of metals contamination exists.

As Clean Harbors is eager to continue corrective action work at the Facility and an EPA approval of this work is required to obtain the necessary permits from the City of Wichita, your prompt attention to this response to comment letter is very much appreciated.

Should you have any questions or concerns regarding these comment responses, please do not hesitate to call for further discussion.

Sincerely,



Mike Stephenson
Principal Scientist
Cameron-Cole, LLC

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Table 1
Proposed Soil Interim Action Objectives
Clean Harbors Wichita

Compound	Cas No	IAO (mg/kg)	IAO ref
Volatile Organic Compounds			
1,1,1-Trichloroethane	71-55-6	2.8	a
1,1,2,2-Tetrachloroethane	79-34-5	0.016	a
1,1,2-Trichloroethane	79-00-5	0.081	a
1,1-Dichloroethane	75-34-3	0.269	a
1,1-Dichloroethene	75-35-4	0.0859	a
1,2,4-Trimethylbenzene	95-63-6	1.07	a
1,2-Dichlorobenzene	95-50-1	48.4	a
1,2-Dichloroethane	107-06-2	0.06	a
1,2-Dichloropropane	78-87-5	0.0817	a
1,3,5-Trimethylbenzene	108-67-8	5.51	a
1,4-Dichlorobenzene	106-46-7	5.94	a
1,4-Dioxane	123-91-1	0.0384	a
2-Butanone	78-93-3	24.2	a
2-Hexanone	591-78-6	140	d
4-Isopropyltoluene	99-87-6	NA	
4-Methyl-2-Pentanone	108-10-1	6.69	a
Acetone	67-64-1	51.6	a
Benzene	71-43-2	0.168	a
Carbon Disulfide	75-15-0	6.71	a
Carbon Tetrachloride	56-23-5	0.0734	a
Chlorobenzene	108-90-7	5.1	a
Chloroethane	75-00-3	128	a
Chloroform	67-66-3	0.85	a
Cis-1,2-Dichloroethene	156-59-2	0.855	a
Ethylbenzene	100-41-4	65.6	a
Hexachlorobutadiene	87-68-3	1.1	a
Isopropylbenzene	98-82-8	65.1	a
M,P-Xylenes	NULL	809	a
Methyl Tert-Butyl Ether	1634-04-4	0.848	a
Methylene Chloride	75-09-2	0.0429	a
Naphthalene	91-20-3	0.349	a
N-Butylbenzene	104-51-8	50.9	a
N-Propylbenzene	103-65-1	110	a
O-Xylene	95-47-6	809	a

Table 1
Proposed Soil Interim Action Objectives
Clean Harbors Wichita

Compound	Cas No	IAO (mg/kg)	IAO ref
Sec-Butylbenzene	135-98-8	82.7	a
Styrene	100-42-5	9.34	a
Tert-Butylbenzene	98-06-6	10000	d
Tetrachloroethene	127-18-4	0.121	a
Toluene	108-88-3	51.2	a
Trans-1,2-Dichloroethene	156-60-5	1.22	a
Trichloroethene	79-01-6	0.0842	a
Vinyl Chloride	75-01-4	0.0205	a
Semi-Volatile Organic Compounds			
1-Methylnaphthalene	90-12-0	2.19	a
2,4-Dimethylphenol	105-67-9	29.9	a
2-Methylnaphthalene	91-57-6	8.34	a
2-Methylphenol	95-48-7	48.6	a
Acenaphthene	83-32-9	255	a
Acenaphthylene	208-96-8	NA	
Aniline	62-53-3	1.95	a
Anthracene	120-12-7	3770	a
Benzo(A)Anthracene	56-55-3	7.89	a
Benzo(A)Anthracene	56-55-3	7.89	a
Benzo(A)Pyrene	50-32-8	23.5	a
Benzo(B)Fluoranthene	205-99-2	19.2	a
Benzo(G,H,I)Perylene	191-24-2	NA	
Benzo(K)Fluoranthene	207-08-9	190	a
Bis(2-Ethylhexyl) Phthalate	117-81-7	144	a
Butyl Benzyl Phthalate	85-68-7	478	a
Carbazole	86-74-8	52.7	a
Chrysene	218-01-9	805	a
Dibenz(A,H)Anthracene	53-70-3	3.08	a
Dibenzofuran	132-64-9	7.59	a
Dimethyl Phthalate	131-11-3	NA	
Di-N-Butyl Phthalate	84-74-2	318	a
Fluoranthene	206-44-0	2830	a
Fluorene	86-73-7	297	a
Hexachlorobenzene	118-74-1	1.24	a
Hexachlorobutadiene	87-68-3	1.1	a

Table 1
Proposed Soil Interim Action Objectives
Clean Harbors Wichita

Compound	Cas No	IAO (mg/kg)	IAO ref
Indeno(1,2,3-Cd)Pyrene	193-39-5	45.5	a
Isophorone	78-59-1	1800	d
M-,P-Cresol Mixture		NA	
Naphthalene	91-20-3	0.349	a
N-Nitrosodiphenylamine	86-30-6	350	d
Phenanthrene	85-01-8	NA	
Phenol	108-95-2	189	a
Pyrene	129-00-0	2190	a
Pesticides-Herbicides-PCBs			
2,4,5-T	93-76-5	3.75	a
4,4'-DDD	72-54-8	31.8	a
4,4'-DDE	72-55-9	24.1	a
4,4'-DDT	50-29-3	24.6	a
Alpha-Chlordane	5103-71-9	NA	
Dalapon	75-99-0	0.929	a
Dieldrin	60-57-1	0.193	a
Endosulfan Sulfate	1031-07-8	NA	
Endrin Aldehyde	7421-93-4	NA	
Endrin Ketone	53494-70-5	NA	
Gamma-Chlordane	5103-74-2	NA	
Heptachlor Epoxide	1024-57-3	0.405	a
Mcpp	7085-19-0	NA	
Methoxychlor	72-43-5	215	a
Pcb-1254	11097-69-1	*	
Pentachlorophenol	87-86-5	0.996	a
Toxaphene	8001-35-2	46.3	a
Metals			
Aluminum	7429-90-5	99000	d
Antimony	7440-36-0	817	b
Arsenic	7440-38-2	63.2	b
Barium	7440-39-3	277000	b
Beryllium	7440-41-7	3650	b
Boron	7440-42-8	20000	d
Cadmium	7440-43-9	965	b
Calcium	7440-70-2	NA	

Table 1
Proposed Soil Interim Action Objectives
Clean Harbors Wichita

Compound	Cas No	IAO (mg/kg)	IAO ref
Chromium	7440-47-3	111	b
Cobalt	7440-48-4	579	b
Copper	7440-50-8	81700	b
Iron	7439-89-6	72000	d
Lead	7439-92-1	1000	b
Lithium	7439-93-2	200	d
Magnesium	7439-95-4	NA	
Manganese	7439-96-5	66200	b
Mercury	7439-97-6	20	b
Molybdenum	7439-98-7	510	d
Nickel	7440-02-0	32400	b
Potassium	7440-09-7	NA	
Selenium	7782-49-2	10200	b
Silver	7440-22-4	10200	b
Sodium	7440-23-5	NA	
Strontium	7440-24-6	61000	d
Thallium	7440-28-0	0.14	c
Tin	7440-31-5	61000	d
Titanium	7440-31-5	NA	
Vanadium	7440-62-2	510	d
Zinc	7440-66-6	613000	b

Notes:

IAO - Interim Action Objective

mg/kg - milligrams per kilogram

a - KDHE Tier II Soil to Groundwater (residential)

b - KDHE Tier II Direct Contact (Non residential)

c - USEPA RSL - MCL based SSL for protection of groundwater

d - USEPA RSL - Industrial soil SSL

* - Individual PCB detections in confirmation samples will be discussed with EPA to determine appropriate actions.

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene			
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA	
Interim Action Objective-->																										
RFI PHASE IV RESULTS																										
A8-1	0.5	10/1/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3		
A8-1	2	10/1/2013	2.7	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<16	<32	<3.2	
A8-1	5	10/1/2013	1.5	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.7	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<17	<34	<3.4	
A8-1	10	10/1/2013	2.0	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.5	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<38	<3.8	
A8-1	15	10/1/2013	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<17	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<42	<83	<8.3	
A8-1	17	10/1/2013	7.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<17	<41.8	<3.4	
A10-1	2	10/2/2013	5.4	15.0	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<26	<52	<5.2	
A10-1	5	10/2/2013	104	175	<4.5	4.8	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<22	<45	<4.5	
A10-1	10	10/2/2013	20.6	13.9	<4.8	<4.8	<4.8	<4.8	<4.8	2.7	<4.8	7.1	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<24	<48	<4.8	
A10-1	15	10/2/2013	2.7	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2	
A10-2	0.5	10/11/2013	52.9	7.7	3.8	15.3	<3.6	<3.6	<3.6	60.3	<3.6	14.3	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6	
A10-2	2	10/11/2013	98.5	10.3	9.3	74.9	<1.8	<1.8	<1.8	157.0	<1.8	67.5	<1.8	<1.8	<1.8	<3.7	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<9.2	<18	<1.8	
A10-2	5	10/11/2013	11.4	1.3	<6	12.5	<6	<6	<6	10.4	<6	9.0	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<30	<60	<6	
A10-2	10	10/11/2013	4.9	<5.2	<5.2	6.3	<5.2	<5.2	<5.2	7.3	<5.2	4.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<26	<52	<5.2	
A10-2	15	10/11/2013	49.8	5.6	<5.1	9.6	<5.1	<5.1	<5.1	9.6	<5.1	5.7	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<25	<51	<5.1	
A10-2	17	10/2/2013	125	14.6	12.3	137	<4.7	<4.7	<4.7	261	<4.7	129	<4.7	<4.7	<4.7	<9.3	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<16.5	<70.6	<4.7	
A10-2	18	10/11/2013	289	56.9	40.1	378	1.2	3.4	<3.9	592	<3.9	221	1.8	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<39	<3.9	
A10-3	2	10/3/2013	113	<6	<6	<6	<6	<6	2.0	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<30	<60	<6	
A10-3	5	10/3/2013	166	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	3.3	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<28	<57	<5.7	
A10-3	10	10/3/2013	97.2	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	4.3	<4.5	<4.5	<4.5	<4.5	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<22	<45	<4.5	
A10-4	2	10/1/2013	8620	3.8	<7	<7	<7	<7	14.8	<7	<7	<7	<7	<7	75.3	160.0	536.0	414.0	<7	<7	75.6	68.1	<35	<70	<7	
A10-4	5	10/1/2013	10000	10.3	<5.3	<5.3	<5.3	<5.3	2.8	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	325.0	437.0	168.0	<5.3	<5.3	<5.3	<5.3	<27	<53	<5.3	
A10-4	10	10/1/2013	2480	3.9	<6.7	<6.7	<6.7	<6.7	6.7	<6.7	6.7	<6.7	<6.7	<6.7	<6.7	<13	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<33	<67	<6.7	
A10-4	27	10/1/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	2.9	<2.																

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene				
			Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
A12-4	5	10/9/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	30.3	<3.7	
A12-5	0.5	10/9/2013	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<6	<30	<60	<6
A12-5	2	10/9/2013	1.3	3.0	<4.3	32.9	2.0	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	2.5	8.0	7.2	1.5	<4.3	<4.3	<4.3	<4.3	8.3	101	<4.3
A12-5	5	10/9/2013	<4.9	<4.9	<4.9	1.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<24	45.7	<4.9
BC-1	0.5	10/17/2013	112	2.9	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	8.4	<3.3	<3.3	<3.3	<3.3	<3.3	<6.6	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<17	<33	<3.3
BC-1	2	10/17/2013	29.1	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	3.2	<2.8	<2.8	<2.8	<2.8	<2.8	<5.5	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<14	<28	<2.8
BC-2	0.5	10/17/2013	20300	53.6	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	12.7	<2.8	<2.8	<2.8	<2.8	<2.8	<5.5	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<14	<28	<2.8
BC-2	2	10/17/2013	495	15.6	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	5.9	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<16	<32	<3.2
BC-3	0.5	10/17/2013	24.1	5.5	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	3.7	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<16	<31	<3.1
BC-3	2	10/17/2013	27.2	3.0	<3	<3	<3	<3	<3	<3	4.3	<3	<3	<3	<3	<3	<6	<3	<3	<3	<3	<3	<3	<15	<30	<3
BC-4	0.5	10/17/2013	7.9	2.7	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	2.9	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<44	<4.4
BC-4	2	10/17/2013	8.0	1.4	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	2.1	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<16	<32	<3.2
DC-1	0.5	10/16/2013	214	166	5.6	135	2.1	<3.1	<3.1	52.2	<3.1	7.0	<3.1	<3.1	<3.1	6.3	<6.2	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<16	<31	<3.1
DC-1	2	10/16/2013	2240	695	13.4	503	3.3	<3.1	<3.1	291	<3.1	15.2	<3.1	<3.1	<3.1	1.1	<6.2	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<15	12.3	<3.1
DC-10	0.5	10/9/2013	13.2	<4.8	<4.8	<4.8	<4.8	<4.8	4.8	<4.8	3.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<24	<48	<4.8	
DC-10	2	10/9/2013	3.0	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<41	<4.1	
DC-11	0.5	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<11.6	69.9	<4.3	
DC-11	2	10/9/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<38	<3.8	
DC-12	0.5	10/9/2013	43600	13700	45.0	2940	14.7	<4.6	<4.6	1830	<4.6	34.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6	
DC-12	2	10/9/2013	4950	742	14.2	260	7.2	<4.6	<4.6	237	<4.6	21.6	<4.6	<4.6	<4.6	<9.1	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6	
DC-13	0.5	10/16/2013	948	155	6.6	57.4	1.9	<3.9	<3.9	55.4	<3.9	7.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<39	<3.9	
DC-13	2	10/16/2013	511	81.6	5.1	49.4	<3.8	<3.8	<3.8	40.8	<3.8	6.2	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	64.1	<3.8	
DC-13	5	10/16/2013	329	58.6	4.0	61.4	<4.2	<4.2	<4.2	29.1	<4.2	5.8	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2	
DC-14	0.5	10/9/2013	85.1	27.8	4.4	1.0	<3.7	<3.7	<3.7	27.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.3	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<18	<37	<3.7	
DC-14	2	10/9/2013	93.5	12.6	1.6	<4.8	<4.8	<4.8	<4.8	<4.8	17.9	<4.8	<4.8	<4.8	<4.8	<9.6	<									

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2-Trichloroethane	1,1,1-Trichloroethane	1,1,2-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene			
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
Interim Action Objective-->																									
DC-23	2	10/16/2013	1540	246	8.1	261	5.2	<2.2	<2.2	58.4	<2.2	22.3	<2.2	0.6	<2.2	<2.2	<4.5	<2.2	<2.2	<2.2	<2.2	<11	<22	<2.2	
DC-24	0.5	10/16/2013	39700	7990	13.4	2360	6.9	<3.1	<3.1	83.4	<3.1	15.8	<3.1	<3.1	<3.1	<3.1	<6.3	<3.1	<3.1	<3.1	<3.1	<16	<31	<3.1	
DC-24	2	10/16/2013	2260	422	9.7	444	3.8	<8.1	<8.1	68.2	<8.1	21.5	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<41	35.0	<8.1	
DC-24	5	10/16/2013	1300	196	4.7	437	<5.5	<5.5	<5.5	42.8	<5.5	14.1	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<5.5	<28	<55	<5.5	
DC-25	0.5	10/16/2013	38100	6850	3.9	1230	3.5	<2.3	<2.3	28.5	<2.3	5.7	<2.3	<2.3	<2.3	<2.3	156	<4.7	<2.3	<2.3	<2.3	<2.3	<12	<23	<2.3
DC-25	2	10/16/2013	7530	990	2.5	335	1.6	<2.9	<2.9	31.0	<2.9	4.3	<2.9	<2.9	<2.9	<2.9	2.9	<5.8	<2.9	<2.9	<2.9	<2.9	<14	19.7	<2.9
DC-25	5	10/16/2013	1710	258	3.2	338	1.1	<3.1	<3.1	25.3	<3.1	6.6	<3.1	<3.1	<3.1	<3.1	6.3	<3.1	<3.1	<3.1	<3.1	<3.1	<16	15.8	<3.1
DC-26	0.5	10/16/2013	48400	11600	12.4	6250	6.2	<3.4	<3.4	71.1	<3.4	17.5	<3.4	<3.4	<3.4	<3.4	6.8	<3.4	<3.4	<3.4	<3.4	<3.4	<17	<34	<3.4
DC-26	2	10/16/2013	33500	5130	10.3	2760	4.0	<2.3	<2.3	78.5	<2.3	17.2	<2.3	<2.3	<2.3	<2.3	4.6	<2.3	<2.3	<2.3	<2.3	<2.3	<12	<23	<2.3
DC-26	5	10/16/2013	2290	402	5.5	685	1.6	<3.1	<3.1	46.5	<3.1	13.5	<3.1	<3.1	<3.1	<3.1	6.3	<3.1	<3.1	<3.1	<3.1	<3.1	<16	<31	<3.1
DC-27	0.5	10/16/2013	58800	17400	7.3	3980	4.7	<3.4	<3.4	61.6	<3.4	12.2	<3.4	0.7	<3.4	<3.4	6.7	<3.4	<3.4	<3.4	<3.4	<3.4	<17	<34	<3.4
DC-27	2	10/16/2013	9030	1370	6.7	723	4.4	<3.8	<3.8	78.0	0.9	18.6	<3.8	0.9	<3.8	<3.8	7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<38	<3.8
DC-27	5	10/16/2013	3400	553	6.7	758	2.5	<3	<3	62.6	<3	15.4	<3	<3	<3	<3	6.1	<3	<3	<3	<3	<3	<15	<30	<3
DC-28	0.5	10/16/2013	10400	2600	6.0	422	5.4	<3.6	<3.6	39.6	<3.6	9.3	<3.6	0.7	<3.6	<3.6	7.1	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6
DC-28	2	10/16/2013	12100	1790	8.9	508	6.7	<2.9	<2.9	69.9	<2.9	14.9	<2.9	0.9	<2.9	<2.9	5.8	<2.9	<2.9	<2.9	<2.9	<2.9	<15	<29	<2.9
DC-28	5	10/16/2013	2750	415	3.7	420	1.7	<3.4	<3.4	30.3	<3.4	8.5	<3.4	<3.4	<3.4	<3.4	6.9	<3.4	<3.4	<3.4	<3.4	<3.4	<17	<34	<3.4
DC-3	0.5	10/16/2013	151000	21300	92.5	52100	80.0	2.1	<3	568	<3	494	<3	2.3	<3	2.1	7.4	3.3	<3	<3	1.5	10.2	64.5	<3	
DC-3	2	10/16/2013	4980	613	37.8	4280	29.9	1.4	<2	220	2.1	281	<2	0.8	2.6	3.5	11.6	4.4	0.6	<2	1.1	0.7	11.9	82.8	<2
DC-4	0.5	10/10/2013	<3.5	<3.5	3.1	52.1	1.1	<3.5	<3.5	<3.5	<3.5	4.1	<3.5	1.8	7.8	0.7	15.3	1.5	<3.5	3.7	132.0	12.0	7.3	55.3	3.2
DC-4	2	10/10/2013	<4.8	<4.8	1.7	31.0	<4.8	<4.8	<4.8	<4.8	<4.8	3.5	<4.8	<4.8	2.6	<4.8	<9.7	<4.8	<4.8	71.8	<4.8	<24	56.2	2.4	
DC-4	5	10/10/2013	67.0	9.3	3.0	16.3	<3.5	<3.5	<3.5	<3.5	25.9	<3.5	2.7	<3.5	<3.5	<3.5	<7	<3.5	<3.5	<3.5	<3.5	<3.5	<18	<35	<3.5
DC-5	0.5	10/16/2013	37500	7970	22.6	6160	8.5	<3	<3	1690	<3	24.8	<3	<3	<3	<3	6.1	<3	<3	<3	<3	<3	<15	<30	<3
DC-5	2	10/16/2013	4300	995	11.4	1210	5.6	<3.6	<3.6	343	<3.6	20.5	<3.6	<3.6	<3.6	<3.6	7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6
DC-5	5	10/16/2013	1400	48.5	3.1	963	<3.3	<3.3	<3.3	39.1	<3.3	9.2	<3.3	<3.3	<3.3	<3.3	6.6	<3.3	<3.3	<3.3	<3.3	<3.3	<16	<33	<3.3
DC-6	0.5	10/16/2013	44100	8470	35.4	9100	19.1	<3.7	<3.7	2220	<3.7	51.3	<3.7	<3.7	<3.7	<3.7	7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<19	17.3	<3.7
DC-6	2	10/16/2013	3610	590	20.8	1470	6.9	<3	<3	271	<3	41.5	<3	<3	<3	<3	6</								

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene			
			52300	2480	2.7	716	4.4	<4.3	<4.3	8.8	<4.3	<4.3	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA	
		Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60												
S10-1	2	10/7/2013	52300	2480	2.7	716	4.4	<4.3	<4.3	110	<4.3	8.8	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3	
S10-1	5	10/7/2013	35500	2290	4.5	770	2.9	<4	<4	116	<4	9.2	<4	<4	<4	<8.1	<4	<4	<4	<4	<4	<20	<40	<4	
S10-1	10	10/7/2013	848000	29300	223	7250	<290	<290	<290	10400	<290	124	<290	<290	<290	92.9	<570	<290	<290	<290	<290	<290	<1400	<2900	<290
S10-1	15	10/7/2013	15700	2100	2.8	2030	2.9	<5	<5	70.5	2.1	19.2	<5	<5	<5	<9.9	<5	<5	<5	<5	<5	<25	28.5	<5	
S10-1	16.5	10/7/2013	13100	834	<3.9	956	0.8	<3.9	<3.9	20.6	<3.9	4.5	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<39	<3.9	
S10-2	5	10/10/2013	3960	583	3.5	563	2.7	<4.4	<4.4	23.8	<4.4	16.3	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<44	<4.4	
S10-2	10	10/10/2013	3790	459	4.9	431	3.1	<3.6	<3.6	44.6	<3.6	16.4	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6	
S10-2	15	10/10/2013	3500	742	7.3	849	4.4	<3.8	<3.8	71.8	<3.8	26.2	<3.8	0.8	<3.8	<7.6	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<38	<3.8	
S10-2	20	10/10/2013	<4.4	<4.4	2.0	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<4.4	<4.4	<22	18.8	<4.4	
S1-1	0	10/8/2013	11.0	4.5	<4.1	4.9	<4.1	<4.1	<4.1	6.0	<4.1	1.2	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	17.4	<4.1	
S1-1	0.5	10/8/2013	4.7	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	<21	46.1	<4.3	
S1-1	2	10/8/2013	62.6	11.3	<4.1	<4.1	<4.1	<4.1	<4.1	2.5	<4.1	3.6	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<4.1	<21	31.4	<4.1	
S1-1	5	10/8/2013	47.7	3.4	<3.9	<3.9	<3.9	<3.9	<3.9	2.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<20	27.7	<3.9	
S1-1	10	10/8/2013	72.8	6.6	<2.7	0.8	<2.7	<2.7	<2.7	6.0	<2.7	0.6	<2.7	<2.7	<2.7	<5.4	<2.7	0.6	<2.7	<2.7	<2.7	<13	<27	<2.7	
S1-1	15	10/8/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<21	18.0	<4.2	
S1-2	0.5	10/17/2013	<3.7	<3.7	4.4	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	28.0	44.2	<3.7	
S1-2	2	10/17/2013	3.3	5.1	7.8	8740	18.8	277	<4.2	<4.2	<4.2	44.4	<4.2	3.3	2.0	14.7	11.3	10.4	2.4	<4.2	<4.2	<4.2	<21	28.7	<4.2
S1-2	5	10/17/2013	1.7	<4.5	<4.5	6.1	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	2.0	1.9	<4.5	<4.5	<4.5	<4.5	<22	51.1	<4.5	
S1-2	10	10/17/2013	44.1	7.1	<2.9	211	<2.9	<2.9	<2.9	16.0	<2.9	12.5	<2.9	<2.9	<2.9	<5.9	<2.9	2.3	<2.9	<2.9	<2.9	<15	13.2	<2.9	
S1-2	15	10/17/2013	66.6	17.3	1.7	729	<3.5	<3.5	<3.5	40.5	<3.5	14.6	<3.5	<3.5	<3.5	<7	<3.5	1.3	<3.5	<3.5	<3.5	<18	15.2	<3.5	
S1-2	16	10/17/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.3	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6	
S2-1	0.5	10/18/2013	137	20.8	7.1	2.1	1.2	<4	<4	111.0	<4	23.7	<4	<4	2.5	13.9	13.2	4.1	<4	<4	<4	<20	<40	<4	
S2-1	2	10/18/2013	48.0	6.5	<4.6	<4.6	<4.6	<4.6	<4.6	44.1	<4.6	23.9	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<23	25.7	<4.6	
S2-1	5	10/18/2013	28.5	11.0	<3.4	6.2	<3.4	<3.4	<3.4	14.5	<3.4	9.0	<3.4	<3.4	<3.4	<6.8	<3.4	<3.4	<3.4	<3.4	<3.4	<17	27.7	<3.4	
S2-1	10	10/18/2013	50.9	52.6	4.1	84.7	<5	<5	<5	32.8	<5	14.1	<5	<5	<5	<10	<5	<5	<5	<5	<5	<25	<50	<5	
S2-1	15	10/18/2013	24.1	19.5	<5	14.5	<5	<5	<5	10.5	<5	1.4	<5	<5	<5	<10	<5	<5	<5	<5	&				

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene			
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
Interim Action Objective-->																									
S4-2	18	10/15/2013	106	17.0	<4.5	64.9	<4.5	<4.5	5.8	<4.5	1.8	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<4.5	<4.5	<4.5	<23	<45	<4.5	
S11-1	0.5	10/3/2013	4010	1200	6.1	47.8	1.9	<4	<4	<4	9.3	<4	<4	<4	<4	<8	<4	<4	<4	<4	<4	<20	42.2	<4	
S11-1	2	10/3/2013	960	333	3.3	152	3.3	<4.3	<4.3	19.5	<4.3	6.0	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3	
S11-1	5	10/3/2013	40900	6310	4.7	2070	4.4	<3.9	<3.9	34.5	<3.9	12.1	<3.9	<3.9	<3.9	<7.7	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<19	<39	<3.9
S11-1	10	10/3/2013	13400	1860	<4.1	498	<4.1	<4.1	<4.1	140	<4.1	<4.1	<4.1	<4.1	<4.1	<8.3	<4.1	<4.1	<4.1	<4.1	<4.1	<21	<41	<4.1	
S11-1	15	10/3/2013	3780	815	7.2	874	4.8	<4.1	<4.1	69.8	<4.1	21.6	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<4.1	<21	<41	<4.1	
S11-1	18.5	10/3/2013	1000	110	1.5	460	2.1	<4.2	<4.2	13.1	<4.2	3.6	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<21	26.2	<4.2	
S11-1A	20	10/16/2013	<3.6	<3.6	3.9	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6	
S11-2	0	10/3/2013	19.3	2.7	<5.9	2.3	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<29	<59	<5.9	
S11-2	0.5	10/3/2013	<4.3	<4.3	22.1	135	4.2	2.0	<4.3	<4.3	39.8	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	8.9	84.4	<4.3	
S11-2	2	10/3/2013	328	102	4.9	316	3.8	<4.4	<4.4	1.6	<4.4	29.9	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<44	<4.4	
S11-2	5	10/3/2013	779	69.9	3.1	320	0.8	<3.6	<3.6	14.1	<3.6	6.0	<3.6	<3.6	<3.6	<7.3	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6	
S11-2	10	10/3/2013	1570	301	11.5	753	3.4	<4.7	<4.7	61.4	<4.7	25.0	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<24	<47	<4.7	
S11-2	15	10/3/2013	295	84.5	9.2	262	2.4	<4.3	<4.3	55.2	<4.3	18.6	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<4.3	<4.3	<21	<43	<4.3	
S11-3	0.5	10/11/2013	23.4	14.6	<3.5	<3.5	<3.5	<3.5	<3.5	7.9	<3.5	<3.5	<3.5	<3.5	<6.9	<3.5	<3.5	<3.5	<3.5	<3.5	<17	<35	<3.5		
S11-3	2	10/11/2013	31.9	6.2	<2.5	<2.5	<2.5	<2.5	<2.5	5.0	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<2.5	<12	<25	<2.5		
S11-3	5	10/11/2013	22.7	2.8	<4.2	3.2	<4.2	<4.2	<4.2	2.2	<4.2	<4.2	<4.2	<4.2	<8.3	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2		
S11-3	10	10/11/2013	95.6	20.4	<3.7	39.4	<3.7	<3.7	<3.7	8.8	<3.7	2.0	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7		
S11-3	15	10/11/2013	276	32.3	<4.3	27.0	<4.3	<4.3	<4.3	8.4	<4.3	0.9	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3		
S11-3	16	10/11/2013	407	81.2	2.7	139	<3.6	<3.6	<3.6	31.8	<3.6	5.7	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6		
S13-1	0.5	10/10/2013	90.6	<3.7	<3.7	<3.7	<3.7	<3.7	2.8	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7		
S13-1	2	10/10/2013	58.8	<3.6	<3.6	<3.6	<3.6	<3.6	1.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6		
S13-1	5	10/10/2013	148	<3.7	<3.7	<3.7	<3.7	<3.7	2.1	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7		
S13-1	10	10/10/2013	4.8	<4.6	<4.6	<4.6	<4.6	<4.6	4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.1	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6		
S13-1	12	10/10/2013	19.6	2.0	<4.1	<4.1	<4.1	<4.1	1.4	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<41	<4.1		
S13-1	15	10/10/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	&									

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene			
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
		Interim Action Objective-->																							
S14-3	5	10/8/2013	18.9	<4.2	1.2	2.8	<4.2	<4.2	26.8	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<21	22.7	<4.2	
S14-4	0.5	10/7/2013	2240	31700	<260	3760	376.0	<260	<260	277	<260	195	<260	<260	<260	<510	<260	<260	<260	<260	<260	<1300	<2600	<260	
S14-4	2	10/7/2013	43.0	851	<3.9	37.0	3.2	<3.9	<3.9	16.4	<3.9	4.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<39	<3.9
S14-4	5	10/7/2013	41.1	445	<4.2	14.4	1.2	<4.2	<4.2	13.4	<4.2	2.3	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	20.4	<4.2
S14-4	10	10/7/2013	14.5	65.6	<4	2.3	<4	<4	2.2	<4	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	<4	<4	<20	<40	<4	
S14-4	14.8	10/7/2013	38.4	221	<3.9	13.4	1.5	<3.9	<3.9	9.8	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<19	<39	<3.9	
S14-4	15	10/7/2013	97.4	89.9	<4.4	<4.4	<4.4	<4.4	<4.4	12.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<44	<4.4	
S14-5	0.5	10/7/2013	121	145	1.2	<3.7	<3.7	<3.7	<3.7	57.0	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7	
S14-5	2	10/7/2013	60.1	56.0	<5.1	<5.1	<5.1	<5.1	<5.1	31.0	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<25	38.6	<5.1	
S14-5	5	10/7/2013	22.2	10.0	<3.6	<3.6	<3.6	<3.6	<3.6	6.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6	
S17-1	2	10/7/2013	2800	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<46	<4.6	
S17-1	5	10/7/2013	170	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<24	21.2	<4.8	
S17-1	10	10/7/2013	622	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<36	<3.6	
S17-1	13	10/7/2013	1540	1.1	<3.5	1.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7.1	<3.5	<3.5	<3.5	<3.5	<3.5	<18	34.8	<3.5	
S17-1	15	10/7/2013	5330	15.3	<3.8	24.2	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<19	39.1	<3.8	
S17-1	35	10/7/2013	1.7	24.2	<4.7	1.9	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<24	26.8	<4.7	
S17-2	0.5	10/4/2013	8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<41	<4.1	
S17-2	2	10/4/2013	65.1	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<24	36.0	<4.9	
S17-2	5	10/4/2013	12.3	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<38	<3.8	
S17-2	10	10/4/2013	45.1	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<3.4	<17	<34	<3.4	
S17-2	15	10/4/2013	10.6	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<43	<4.3	
S17-2	17	10/4/2013	23.8	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2	
S18-1	2	10/7/2013	9.3	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<6	<30	72.5	<6	
S18-1	5	10/7/2013	10.3	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<19	19.9	<3.7	
S18-1	10	10/7/2013	23.9	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<19	22.1	<3.7	
S18-1	13	10/7/2013	47.1	<4.1																					

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene			
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA	
		Interim Action Objective-->																								
S18-6	5	10/7/2013	14.2	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<37	<3.7		
S18-6	10	10/7/2013	41.2	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<6.9	<3.5	<3.5	<3.5	<3.5	<3.5	<17	<35	<3.5		
S18-6	15	10/7/2013	43.0	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<41	<4.1		
S20-1	2	10/7/2013	88.3	3.9	<4.3	0.9	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<22	29.5	<4.3		
S20-1	5	10/7/2013	16.2	1.3	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<19	16.2	<3.8		
S20-1	10	10/7/2013	8.7	3.6	<6.3	1.4	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<13	<6.3	<6.3	<6.3	<6.3	<6.3	<31	65.5	<6.3		
S20-1	13	10/7/2013	7.4	6.0	<4.3	3.1	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<4.3	<4.3	<21	59.8	<4.3		
S20-1	15	10/7/2013	6.6	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<21	18.3	<4.2		
S22-1	0.5	10/18/2013	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<27	784	<5.4		
S22-1	2	10/9/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.3	<4.1	<4.1	<4.1	<4.1	<4.1	<29.1	148	<4.1		
S22-1	5	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	4.1	<4.6	<4.6	<4.6	<4.6	<4.6	<15.0	85.2	<4.6		
S22-1	10	10/9/2013	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<7.9	<4	<4	<4	<4	<4	<3.9	<5.2	<37.8	<4	
S22-1	15	10/9/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	1.6	<4.8	3.3	<4.8	<4.8	<4.8	8.0	<4.8	<24	<21.7	<4.8
S22-1	16	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<4.3	<4.3	<21	26.6	<4.3		
S22-2	0.5	10/9/2013	<4.4	<4.4	<4.4	57.1	3.6	29.2	<4.4	<4.4	<4.4	<4.4	21.2	<4.4	14.4	51300.0	3480.0	123000.0	8300.0	<4.4	65.7	11300	2220.0	31.9	157	25.5
S22-2	2	10/9/2013	<280	<280	<280	104	<280	<280	<280	<280	<280	<280	<280	<280	<280	29700	3030	83900	6230	<280	996	8590	2250	<1400	<2800	271
S22-2	5	10/9/2013	613	<300	<300	1060	<300	<300	<300	<300	<300	<300	<300	<300	<300	90700	66400	322000	102000	<300	737	14700	5200	<1500	<3000	326
S22-2	10	10/9/2013	<3.4	<3.4	<3.4	18.0	<3.4	7.9	<3.4	1.5	<3.4	10.3	<3.4	2.1	3150.0	7740.0	13100.0	4490.0	<3.4	13.2	83.2	25.3	10.5	47.5	1.2	
S22-2	15	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	44.2	51.4	241.0	61.6	<4.3	3.6	12.0	2.8	<21	<43	<4.3
S22-2	17	10/9/2013	<3.8	<3.8	<3.8	4.0	<3.8	3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	338.0	78.3	245.0	95.9	<3.8	6.2	63.3	18.0	20.6	34.2	1.8
S24-1	2	10/10/2013	21.5	44.6	1.8	12.2	2.6	<5.6	<5.6	41.4	<5.6	15.5	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<28	<56	<5.6		
S24-1	5	10/10/2013	22.5	5.1	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	1.6	<4.2	<4.2	<4.2	<4.2	<8.3	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<42	<4.2		
S24-1	10	10/10/2013	14.6	4.1	<4	<4	<4	<4	<4	<4	2.4	<4	<4	<4	<4	<8	<4	<4	<4	<4	<4	<20	<40	<4		
S24-1	15	10/10/2013	23.7	2.2	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	1.5	<3.5	<3.5	<3.5	<3.5	<7.1	<3.5	<3.5	<3.5	<3.5	<3.5	<18	<35	<3.5		
S24-1	17	10/10/2013	61.6	2.7	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	1.1	<4.4	<4.4	<4.4	<4.4	1.0	<8.8	<4.4								

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene			
			341	440	<5.2	<5.2	<3.6	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
Interim Action Objective-->			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
SEBJ-1	15	10/3/2013	341	15.1	<4.3	12.8	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<21	<43	<4.3	
SEBJ-1	17	10/3/2013	440	8.9	<4	17.9	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	<4	<20	<40	<4	
SEBJ-2	0.5	10/3/2013	<5.2	<5.2	<5.2	3.9	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<26	39.6	<5.2
SEBJ-2	2	10/3/2013	<3.6	<3.6	<3.6	4.7	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.3	<3.6	<3.6	<3.6	<3.6	<3.6	8.3	54.5	<3.6
SEBJ-2	5	10/18/2013	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<16	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	13.6	88.1	<7.8
SEBJ-2	10	10/4/2013	4.8	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<18	<37	<3.7
SEBJ-2	15	10/4/2013	12.8	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7	<3.5	<3.5	<3.5	<3.5	<3.5	<17	<35	<3.5
SEBJ-2	18	10/4/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<41	<4.1
SEBJ-3	0	10/18/2013	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<15	<7.7	<7.7	<7.7	<7.7	<7.7	<39	<77	<7.7
SEBJ-3	0.5	10/14/2013	11.6	6.2	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	35.8	<3.9
SEBJ-3	2	10/14/2013	34.2	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<16	<8	<8	<8	<8	<8	<40	<80	<8
SEBJ-3	5	10/14/2013	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<30	<59	<5.9
SEBJ-3	10	10/14/2013	12.9	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<3.1	<3.1	<16	<31	<3.1
SEBJ-3	15	10/18/2013	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14	<7.2	<7.2	<7.2	<7.2	<7.2	<36	31.0	<7.2
T2-1	27.5	10/10/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<23	58.7	<4.6
T3-3	27.5	10/11/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	<21	<43	<4.3
T4-3	0	10/16/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.9	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<44	<4.4
T5-2	16	10/15/2013	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<28	<57	<5.7
T5-2D	23	10/15/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<41	<4.1
T5-2D	31	10/15/2013	<3.8	10.6	<3.8	3.4	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<3.8	<3.8	<19	18.1	<3.8
T5-4	20	10/11/2013	<4.9	<4.9	<4.9	<4.9	10.6	<4.9	59.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9	<4.9	<4.9	<4.9	<4.9	<25	20.9	<4.9
T5-4	27	10/11/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.7	<3.9	<3.9	<3.9	<3.9	<3.9	<19	<39	<3.9
T6-2	2	10/17/2013	<3.7	<3.7	132	2.0	4.9	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	16.5	80.8	<3.7
T6-2	5	10/17/2013	3.8	18.4	<4.1	25.8	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.3	<4.1	<4.1	<4.1	<4.1				

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	Isopropyl toluene					
			Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA	
A12-9	20	12/17/2013	<4	<4	<4	<4	<4	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<8.1	<4	<8.1	<16.1	<4		
BC-5	5	12/18/2013	<3.2	<3.2	<3.2	<3.2	<3.2	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6.4	<3.2	<3.2	<6.4	<12.7	<3.2	
BC-5	10	12/18/2013	<3.5	<3.5	<3.5	<3.5	<3.5	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<3.2	<3.5	<3.5	<6.9	<13.8	<3.5	
BC-5	15	12/18/2013	<3	<3	<3	<3	<3	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<14.9	<3	<4.1	<5.9	<11.9	3.3	
BC-5	20	12/18/2013	<4.2	<4.2	<4.2	<4.2	<4.2	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<8.4	<4.2	<4.2	<8.4	<16.7	<4.2	
DC-29	15	12/19/2013	24.9	<4.2	<4.2	<4.2	<4.2	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<8.4	<4.2	<4.2	<8.4	<16.1	<4.2	
DC-30	10	12/19/2013	771	72.8	8.4	260	<5	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<10	<5	<5	<10	<19.9	<5	
DC-31	15	12/19/2013	25.8	<4.9	<4.9	20.8	<4.9	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<9.7	<4.9	<4.9	<9.7	<19.5	<4.9	
DC-33	10	1/8/2014	<2.7	<2.7	<2.7	<2.7	<2.7	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<5.4	<2.7	<2.7	<5.4	<10.8	<2.7	
NBJ-2	5	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6.1	<3.1	<3.1	<6.1	<12.3	<3.1	
NBJ-2	10	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6.2	<3.1	<3.1	<6.2	<12.4	<3.1	
NBJ-2	15	2/12/2014	<3.4	<3.4	<3.4	<3.4	<3.4	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6.7	<3.4	<3.4	<6.7	<13.5	<3.4	
NBJ-2	20	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6.2	<3.1	<3.1	<6.2	<12.5	<3.1	
NBJ-3	5	2/12/2014	4.8	<3.2	<3.2	<3.2	<3.2	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6.3	<3.2	<3.2	<6.3	<12.6	<3.2	
NBJ-3	10	2/12/2014	24.9	3.4	<2.4	4.1	<2.4	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<4.7	<2.4	<2.4	<4.7	10.4	<2.4	
NBJ-3	15	2/12/2014	<2.6	<2.6	<2.6	36.5	3.1	3.6	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<5.1	<2.6	<2.6	<5.1	<10.2	<2.6
NBJ-3	20	2/12/2014	<3	<3	<3	<3	<3	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6	<3	<3	<6	<12.1	<3	
NBJ-4	5	2/12/2014	<3.3	<3.3	<3.3	5.2	<3.3	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6.6	<3.3	<3.3	<6.6	<13.2	<3.3	
NBJ-4	10	2/12/2014	<2.6	<2.6	<2.6	62.1	10.3	4.7	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<5.1	<2.6	<2.6	<5.1	<10.3	<2.6
NBJ-4	15	2/12/2014	4.4	<3	<3	34.2	4.7	<3	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6	<3	<3	<6	<11.9	<3
NBJ-4	20	2/12/2014	11.6	5.3	<2.8	12.0	<2.8	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<5.5	<2.8	<2.8	<5.5	<11	<2.8	
S11-14	15	1/7/2014	<3.7	<3.7	<3.7	3.9	<3.7	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<7.4	<3.7	<3.7	<7.4	<14.9	<3.7	
S11-15	15	1/7/2014	43.0	7.4	<3.5	<3.5	131	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<7	<3.5	<3.5	<7	<14	<3.5	
S11-16	10	1/7/2014	10.3	<3.5	<3.5	175	<3.5	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6.9	<3.5	<3.5	<6.9	<13.8	<3.5	
S11-18	15	1/8/2014	32.7	9.8	<4.1	43.0	<4.1	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<8.1	<4.1	<4.1	<8.1	<16.2	<4.1	
S11-5	15	12/18/2013	804	131	<3.3	175	<3.3	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<6.6	<3.3	<3.3	<6.6	<13.3	<3.3	
S11-6	5	12/18/2013	169	40.0	<3.6	101	<3.6	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<7.2	<3.6	<3.6	<7.2	<14.4	<3.6	
S14-10	10	12/20/2013	11.2	<5.4	<5.4	<5.4	<5.4	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<10.8	<5.4	<5.4	<10.8	<21.6	<5.4	
S14-13	5	2/12/2014	<2.8	<2.8	<2.8	<2.8	<2.8	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<5.6	<2.8	<2.8	<5.6	<11.2	<2.8	
S14-13	5	2/12/2014	<2.8	<2.8	<2.8	<2.8	<2.8	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<5.6	<2.8	<2.8	<5.6	<11.2	<2.8	
S14-13	10	2/12/2014	<2.6	<2.6	<2.6	<2.6	<2.6	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	<5.2	<2.6	<2.6	<5.2	&		

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	1,1-	Cis-1,2-	Trans-1,2-	1,1,2,2-	1,1,1-	1,1,2-	1,1-	1,2-	Methyl			1,2,4-	1,3,5-	4-										
			Tetrachloroethene	Trichloroethene	Dichloroethene	Dichloroethene	Vinyl Chloride	Tetrachloroethane	Trichloroethane	Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Toluene	Tert-Butyl Ether	Naphthalene	Trimethylbenzene	Trimethylbenzene	2-Butanone	Acetone	Isopropyl toluene					
		Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA	
S14-17	20	2/12/2014	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	NA	<3.2	<6.3	<3.2	<6.3	<12.6	<3.2			
S14-7	0.5	12/19/2013	137	13.9	6.7	<5.5	<4.2	<4.2	<4.2	<4.2	4.3	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<5.5	<11	<5.5	<5.5	<11	<21.9	<5.5		
S14-9	5	12/20/2013	7.4	6.7	<4.2	<3.7	<3.7	<3.7	<3.7	<3.7	4.3	<3.7	<3.7	<3.7	<3.7	<3.7	NA	<4.2	<8.3	<4.2	<8.3	<16.7	<4.2			
S18-10	5	12/17/2013	22.6	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	3.7	<3.7	<3.7	<3.7	<3.7	<3.7	NA	<3.7	<7.5	<3.7	<7.5	<14.9	<3.7			
S18-12	15	12/17/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	3.6	<3.6	<3.6	<3.6	<3.6	<3.6	NA	<3.6	<7.2	<3.6	<7.2	<14.5	<3.6			
S18-20	15	1/7/2014	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<5.1	<2.5	<5.1	<10.1	<2.5			
S20-2	10	12/17/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<8.4	<4.2	<8.4	<16.8	<4.2			
S20-2	15	12/17/2013	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	98700	<23100	313000	NA	<23100	179000	1230000	330000	<46200	<92400	27400
S20-2	20	12/17/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	4.2	<4.2	<4.2	<4.2	<4.2	26.7	17.1	118	NA	<4.2	17.6	139.0	31.3	<8.3	21.2	<4.2
S20-3	10	12/17/2013	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	3.3	<3.3	<3.3	<3.3	<3.3	<3.3	NA	<3.3	<6.7	<3.3	<6.7	<13.3	<3.3			
S20-3	15	12/17/2013	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	2740	<1870	6100	NA	<1870	<3740	35300	8290	<3740	<7480	<1870
S20-3	20	12/17/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	4.1	<4.1	<4.1	<4.1	<4.1	6.7	<4.1	10.4	NA	<4.1	<8.2	45.8	9.0	<8.2	<16.4	<4.1
S25-3	5	12/18/2013	4.0	<3.1	<3.1	3.4	<3.1	<3.1	<3.1	<3.1	3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<6.1	<3.1	<6.1	<12.2	<3.1			
S25-3	10	12/18/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	2.9	<2.9	<2.9	<2.9	<2.9	<2.9	123.0	NA	<2.9	13.0	67.1	18.7	<5.9	<11.7	<2.9	
S25-3	15	12/18/2013	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	6.5	<6.5	<6.5	<6.5	<6.5	<6.5	7.6	NA	<6.5	<13	13.1	<6.5	<13	<26	<6.5	
S25-3	20	12/18/2013	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	2.8	<2.8	<2.8	<2.8	<2.8	<2.8	NA	<2.8	<5.6	<2.8	<2.8	<5.6	<11.2	<2.8		
SEBJ-11	10	1/6/2014	25.1	4.6	<3.5	5.6	<3.5	<3.5	<3.5	<3.5	3.5	<3.5	<3.5	<3.5	<3.5	<3.5	NA	<3.5	<7	<3.5	<3.5	<7	<14.1	<3.5		
SEBJ-5	15	12/19/2013	1460	24.0	<5.4	20.2	<5.4	<5.4	<5.4	<5.4	5.4	<5.4	<5.4	<5.4	<5.4	<5.4	NA	<5.4	<10.9	<5.4	<5.4	<10.9	<14.4	<5.4		
SEBJ-6	15	12/19/2013	155	9.9	<4.3	12.9	<4.3	<4.3	<4.3	<4.3	4.3	<4.3	<4.3	<4.3	<4.3	<4.3	NA	<4.3	<8.6	<4.3	<8.6	<15.8	<4.3			
SEBJ-8	10	1/6/2014	172	19.0	<3.1	18.6	<3.1	<3.1	<3.1	<3.1	3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<6.2	<3.1	<6.2	<12.5	<3.1			
Historic Soil Analytical Results																										
B-1	16	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5		
B-1	0.3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5		
B-10	0.3	12/2/1999	31.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5			
B-100	14.5	8/20/2002	170	8.7	<5	8.4	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5			
B-100	4	8/20/2002	18.0	5.0	<5	7.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5			
B-100V	14	1/31/2005	<5	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<2	NA	<5	<5	<5			
B-100V	4	1/31/2005	<5	12.0	<5	76.0	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<2	NA	<5	<5	<5			
B-101	12	8/21/2002	84.0	<5	<5	12.0	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5			
B-101	8	8/21/2002	11.0	<5	<5	3.7	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5			
B-102	14.5	8/21/2002	<5	<5	<5	2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5			
B-102	4	8/21/2002	<5	<5	<5	2.9	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5			
B-103	15	8/21/2002	32.0	<5	<5	2.9	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5			
B-103	8	8/21/2002	47.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	<5			
B-103V	16	1/31/2005	17.0	<5	<5	<2	<2	<5	<5	<																

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene		
			121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
		Interim Action Objective-->																							
B-11	0.3	12/1/1999	72.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	NA	NA	<5	
B-110	13	1/31/2005	33.0	<5	<5	4.8	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-110	3	1/31/2005	32.0	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-110	0.5	1/31/2005	<5	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-111	15	1/31/2005	9.2	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-111	3	1/31/2005	14.0	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-111	0.5	1/31/2005	33.0	10.0	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	NA	<5	<5	<5	NA	NA	<5	
B-12	3	12/2/1999	<5	<5	<5	<2.5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	NA	NA	<5	
B-13	12	12/2/1999	35.0	<5	<5	<2.5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	NA	NA	<5	
B-13	3	12/2/1999	800	<25	<25	<12	<12	<50	<25	<25	<25	<25	<25	<25	<25	<25	<12	NA	<25	<25	<25	NA	NA	<25	
B-14	0.3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	NA	NA	<5	
B-15	3	12/1/1999	<5	<5	<5	<2.5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-16	3	12/1/1999	<5	52.0	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-17	3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-18	3	12/2/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-19	13	12/2/1999	24.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-19	3	12/2/1999	<5	<5	<5	<2.5	<2.5	34.0	<5	<5	<5	67.0	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-2	0.3	12/2/1999	6.2	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-20	16	12/2/1999	12.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-20	3	12/2/1999	24.0	5.7	<5	10.0	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-21	12	12/2/1999	490	85.0	<25	28.0	<12	<50	<25	<25	<25	<25	<25	<25	<25	<25	<12	NA	<25	<25	<25	NA	NA	<25	
B-21	3	12/2/1999	6800	<500	<500	<250	<250	<1000	<500	<500	<500	<500	<500	<500	<500	<500	<250	NA	<500	<500	<500	NA	NA	<500	
B-22	16	12/2/1999	40.0	19.0	<5	21.0	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-22	3	12/2/1999	95.0	72.0	<5	26.0	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-23	3	12/2/1999	<5	<5	<5	78.0	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-23	8	12/2/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-24	3	11/30/1999	<25	<25	<12	<12	<50	<25	<25	<25	<25	<25	<25	<25	440.0	56.0	700.0	560.0	NA	<25	<25	<25	NA	NA	<25
B-24	6	11/30/1999	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	23.0	7.3	NA	<5	<5	NA	NA	<5	
B-25	11	11/30/1999	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	NA	<5	<5	<5	NA	NA	<5	
B-25	15	11/30/1999	<5	<5	<2.5	<2.5	<10	<5	<5	<5</td															

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene				
			<5	<5	<5	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
		Interim Action Objective-->	121																								
B-38	3	12/2/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-39	0.3	12/1/1999	<5	<5	<5	8.4	<2.5	<10	<5	<5	<5	5.0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-4	16	12/1/1999	<1000	<1000	<1000	<500	<500	<2000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	3100.0	<1000	16000.0	6600.0	NA	12000	55000	15000	NA	NA	<1000	
B-4	0.3	12/1/1999	<5	<5	<5	43.0	4.4	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-40	16	12/1/1999	9.2	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-40	0.3	12/1/1999	9.7	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-41	0.3	12/1/1999	25.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-42	0.3	12/1/1999	13.0	<5	<5	<2.5	<2.5	<10	<5	18.0	<5	<5	<5	<5	<5	<5	8.7	7.6	18.0	80.0	NA	<5	5.9	25.0	NA	NA	<5
B-43	0.3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-44	11	11/30/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-44	15	11/30/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	<5	
B-45	14	11/8/2001	490	<25	<25	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	NA	NA	<25
B-45	4	11/8/2001	200	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-46	13	11/8/2001	690	<25	<25	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	NA	NA	<25	
B-46	2	11/8/2001	28000	<1200	<1200	<590	<590	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<1200	<590	<590	NA	<1200	<1200	<1200	NA	NA	<1200
B-47	14	11/8/2001	37.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-47	3	11/8/2001	540	26.0	<25	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	NA	NA	<25	
B-48	14	11/9/2001	71.0	8.4	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-48	3	11/9/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	16.0	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-49	15	11/7/2001	11.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-49	4	11/7/2001	33.0	6.8	<5	2.9	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-50	0.3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-50	15	11/9/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-50	4	11/9/2001	370	81.0	<25	29.0	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	NA	NA	<25	
B-51	15	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-51	4	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-52	15	11/7/2001	<250	<250	<120	<120	<250	<250	<250	<250																	

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Methyl Ether	Tert-Butyl Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyltoluene		
			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
		Interim Action Objective-->	121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
B-62	17	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-62	5	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-63	0.5	11/12/2001	24.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-63	11	11/12/2001	11000	590	<490	<240	<240	<490	<490	1000.0	<490	<490	<490	<490	<490	<490	<240	<240	NA	<490	<490	NA	NA	<490	
B-63	19	11/12/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-68	4	11/12/2001	<5	<5	<5	6.4	<2.5	<5	<5	<5	<5	23.0	<5	<5	19.0	<5	110.0	32.0	NA	<5	6.0	<5	NA	NA	<5
B-69	15	11/12/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5		
B-69	3	11/12/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5		
B-7	0.3	12/1/1999	<5	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-70	18	11/7/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5		
B-70	8	11/7/2001	580	25.0	<25	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	NA	NA	<25	
B-70V	16	1/31/2005	11.0	<5	<5	<2	<2	<5	<5	6.9	<5	6.5	<5	<5	<5	<5	<2	<2	NA	<5	<5	NA	NA	<5	
B-70V	8	1/31/2005	28.0	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<2	NA	<5	<5	NA	NA	<5	
B-76	16	11/7/2001	5800	<250	<250	<120	<120	<250	<250	<250	<250	<250	<250	<250	<250	<250	<120	<120	NA	<250	<250	<250	NA	<250	
B-76	4	11/7/2001	610	<25	<25	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<12	<12	NA	<25	<25	NA	NA	<25	
B-77	16	11/12/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-77	5	11/12/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	6.3	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-8	0.3	12/1/1999	51.0	<5	<5	<2.5	<2.5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-80	1	11/12/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-80	15	11/12/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-83	1	11/12/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-83	15	11/12/2001	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-84	11.5	8/20/2002	10.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-84	4	8/20/2002	51.0	<5	<5	<2.5	<2.5	<5	<5	5.4	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-85	10	8/20/2002	21.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-85	3.5	8/20/2002	79.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	NA	<5	<5	NA	NA	<5	
B-86	11	8/20/2002	1800	<250	<250	<120	<120	<250	<250	<250	<250	<250	<250	<250	<250	<250	<120	<120	NA	<250	<250	<250	NA	<250	
B-86	3.5	8/20/2002	19000	1400	<240	<120	<120	<240	<240	<240	<240	<240	<240	<240	<240	<240	<120	<120	NA	<240	<240	<240	NA	<240	
B-86V	12	1/31/2005	1200	14.0	<																				

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	Tetrachloroethene	Trichloroethene	1,1-Dichloroethene	Cis-1,2-Dichloroethene	Trans-1,2-Dichloroethene	Vinyl Chloride	Tetrachloroethane	1,1,2-Trichloroethane	1,1,2-Dichloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Dichloroethane	1,1,2,2-Dichloroethane	Ethylbenzene	M,P-Xylenes	O-Xylene	Toluene	Methyl Ether	Tert-Butyl Ether	Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	Acetone	4-Isopropyl toluene
			Interim Action Objective-->		121	84.2	85.9	855	1220	20.5	16	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
B-97	14	8/20/2002	6.2	<5	<5	4.0	<2.5	<5	<5	<5	<5	2800	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
B-98	0.5	8/20/2002	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	1220	16	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
B-98	12	8/20/2002	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	20.5	81	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
B-99	12	8/21/2002	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	1220	16	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA
B-99	8	8/21/2002	72.0	<5	<5	<2.5	<2.5	<5	<5	<5	<5	1220	16	269	60	168	65600	51200	809000	809000	848	349	1070	5510	24200	51600	NA

Data Summary:

Number of Analyses	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	
Number of Detections	470	269	110	266	100	33	1	200	3	152	1	22	51	62	64	47	5	30	48	36	31	138	19				
Frequency of Detection	67%	38%	16%	38%	14%	4.7%	0.1%	28%	0.4%	22%	0.1%	3.1%	7.3%	8.8%	9.1%	6.7%	0.7%	4.3%	6.8%	5.1%	4.4%	20%	2.7%				
Min Detected Conc.	0.82	0.67	0.81	0.83	0.66	1.3	5.4	0.8	0.85	0.58	1.8	0.63	0.91	0.72	1.9	1	0.6	1.6	1.1	0.67	5.2	10.4	1.2				
Average Detected Conc.	6133	1358	11	960	10	98	5.4	149	1.7	29	1.8	2.2	41305	30574	139464	26864	1.4	6884	34585	13500	25	54	1779				
Max Detected Conc.	848000	31700	223	57300	376	2160	5.4	10400	2.1	494	1.8	14.4	881000	1130000	4030000	1090000	2.4	179000	1230000	330000	215	784	27400				

Notes:

Interim Action Objectives - Kansas Department of Health and Environment Tier II value for soil to groundwater pathway (residential)

Values in **BOLD** exceed Interim Action Objectives

NA - Not Analyzed

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene	N-Butylbenzene	Sec-Propylbenzene	Carbon Disulfide	Tert-Butylbenzene	1,2-Methylen Chloride	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Chloroform	1,4-Dioxane	Chloroethane	Tetrachloroethane	Carbon Tetrachloride	1,2-Dichloropropane	Hexachlorobutadiene	4-Methyl-2-Pentanone	2-Hexanone	
			50900	110000	82700		93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690
RFI PHASE IV RESULTS			NA																	
A8-1	0.5	10/1/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<22
A8-1	2	10/1/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16
A8-1	5	10/1/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.7	<3.4	<3.4	<3.4	<3.4	<130	<3.4	<3.4	<3.4	<3.4	<17
A8-1	10	10/1/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.5	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19
A8-1	15	10/1/2013	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<17	<8.3	<8.3	<8.3	<8.3	<330	<8.3	<8.3	<8.3	<8.3	<42
A8-1	17	10/1/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<140	<3.4	<3.4	<3.4	<3.4	<17
A10-1	2	10/2/2013	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<210	<5.2	<5.2	<5.2	<5.2	<26
A10-1	5	10/2/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<4.5	<22
A10-1	10	10/2/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<4.8	<24
A10-1	15	10/2/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21
A10-2	0.5	10/11/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<18
A10-2	2	10/11/2013	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<3.7	<1.8	<1.8	<1.8	<1.8	<74	<1.8	<1.8	<1.8	<1.8	<9.2
A10-2	5	10/11/2013	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<6	<30
A10-2	10	10/11/2013	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<210	<5.2	<5.2	<5.2	<5.2	<26
A10-2	15	10/11/2013	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<200	<5.1	<5.1	<5.1	<5.1	<25
A10-2	17	10/2/2013	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.3	<4.7	<4.7	<4.7	<4.7	<190	<4.7	<4.7	<4.7	<4.7	<23
A10-2	18	10/11/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<20
A10-3	2	10/3/2013	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<6	<30
A10-3	5	10/3/2013	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<5.7	<230	<5.7	<5.7	<5.7	<5.7	<28
A10-3	10	10/3/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<4.5	<22
A10-4	2	10/1/2013	<7	<7	<7	<7	<7	<7	<7	<14	<7	<7	<7	<7	<280	<7	<7	<7	<7	<35
A10-4	5	10/1/2013	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<5.3	<5.3	<210	<5.3	<5.3	<5.3	<5.3	<27
A10-4	10	10/1/2013	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13	<6.7	<6.7	<6.7	<6.7	<270	<6.7	<6.7	<6.7	<6.7	<33
A10-4	27	10/1/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.8	<2.9	<2.9	<2.9	<2.9	<120	<2.9	<2.9	<2.9	<2.9	<14
A10-5	2	10/3/2013	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<13	<6.3	<6.3	<6.3	<6.3	<250	<6.3	<6.3	<6.3	<6.3	<32
A10-5	5	10/3/2013	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<200	<5.1	<5.1	<5.1	<5.1	<26
A10-5	10	10/3/2013	<4	<4	<4	<4	<4	<4	<4	<8	<4	<4	<4	<4	<160	<4	<4	<4	<4	<20
A11-1	0.5	10/15/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.5	<3.2	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16
A11-1	2	10/15/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.5	<3.2	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16
A11-1	5	10/15/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<16
A11-1	10	10/15/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<16
A11-1	15	10/15/2013	<3	<3	<3	<3	<3	<3	<3	<6.1	<3	<3	<3	<3	<120	<3	<3	<3	<3	<15
A11-1	17	10/15/2013	<3	<3	<3	<3	<3	<3	<3	<6.1	<3	<3	<3	<3	<120	<3	<3	<3	<3	<15
A12-1	0.5	10/9/2013	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<13	<6.3	<6.3	<6.3	<6.3	<250	<6.3	<6.3	<6.3	<6.3	<32
A12-1	2	10/9/2013	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<6.5	<6.5	<6.5	<6.5	<260	<6.5	<6.5	<6.5	<6.5	<33
A12-1	5	10/9/2013	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<6	<30
A12-1	10	10/9/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<18
A12-1	15	10/9/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<4.5	<23
A12-1	17	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.3	<4.6	<4.6	<4.6	<4.6	<190	<4.6	<4.6	<4.6	<4.6	<23
A12-2	0.5	10/9/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21
A12-2	2	10/9/2013	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<5.3	<5.3	<210	<5.3	<5.3	<5.3	<5.3	<27
A12-3	0.5	10/18/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.3	<4.6	<4.6	<4.6	<4.6	<190	<4.6	<4.6	<4.6	<4.6	<23
A12-3	2	10/9/2013	2500	734	3040	722.0	<350	<350	147	<700	<350	<350	<350	<350	<14000	<350	<350	<350	<350	<1800
A12-3	5	10/9/2013	561																	

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene	N-Butylbenzenes	Sec-Propylbenzene	Tert-Butylbenzene	Methylenedichlorobenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Chlorophenol	1,4-Chloroform	Chloroethane	Carbon Tetrachloride	1,2-Dichloropropane	Hexachlorobutadiene	4-Methyl-2-Pentanone	2-Hexanone		
			50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690
		Interim Action Objective-->	NA																
A12-4	5	10/9/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<19	<19
A12-5	0.5	10/9/2013	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<240	<6	<6	<6	<6	<30	<30
A12-5	2	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<22	<22
A12-5	5	10/9/2013	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<4.9	<4.9	<200	<4.9	<4.9	<4.9	<4.9	<24	<24
BC-1	0.5	10/17/2013	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<6.6	<3.3	<3.3	<3.3	<130	<3.3	<3.3	<3.3	<3.3	<17	<17
BC-1	2	10/17/2013	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<110	<2.8	<2.8	<2.8	<2.8	<14	<14
BC-2	0.5	10/17/2013	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<5.5	<2.8	<2.8	<2.8	<110	<2.8	<2.8	<2.8	<2.8	<14	<14
BC-2	2	10/17/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16	<16
BC-3	0.5	10/17/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<16	<16
BC-3	2	10/17/2013	<3	<3	<3	<3	<3	<3	<6	<3	<3	<3	<120	<3	<3	<3	<3	<15	<15
BC-4	0.5	10/17/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<22	<22
BC-4	2	10/17/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16	<16
DC-1	0.5	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<16	<16
DC-1	2	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<15	<15
DC-10	0.5	10/9/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<4.8	<24	<24
DC-10	2	10/9/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<20	<20
DC-11	0.5	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<22	<22
DC-11	2	10/9/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
DC-12	0.5	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
DC-12	2	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.1	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
DC-13	0.5	10/16/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<20	<20
DC-13	2	10/16/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
DC-13	5	10/16/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21
DC-14	0.5	10/9/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.3	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<18	<18
DC-14	2	10/9/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<4.8	<24	<24
DC-15	0.5	10/9/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
DC-15	2	10/9/2013	<4	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	<160	<4	<4	<4	<4	<20	<20
DC-16	0.5	10/16/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
DC-16	2	10/16/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.3	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<18	<18
DC-16	5	10/16/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<22	<22
DC-17	0.5	10/17/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.5	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16	<16
DC-17	2	10/17/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<3.1	<3.1	<3.1	<120	<3.1	<3.1	<3.1	<3.1	<15	<15
DC-17	5	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
DC-18	0.5	10/9/2013	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<220	<5.5	<5.5	<5.5	<5.5	<27	<27
DC-18	2	10/9/2013	<240	<240	<240	<240	<240	<240	<470	<240	<240	<240	<9400	<240	<240	<240	<240	<1200	<1200
DC-18	5	10/9/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<19	<19
DC-19	0.5	10/9/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<23	<23
DC-19	2	10/9/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<21	<21
DC-19	5	10/9/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<4.5	<23	<23
DC-2	0.5	10/10/2013	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<1180	<5.2	<5.2	<5.2	<5.2	<26	<26
DC-2	2	10/10/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<1390	<3.7	<3.7	<3.7	<3.7	<19	<19
DC-2	5	10/10/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<953	<4.1	<4.1	<4.1	<4.1	<20	<20
DC-20	0.5	10/9/2013	<4.2	<4.2	<4.2	<4.2	<4.2	6.0	<4.2	<8.4	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<21	<21
DC-20	2	10/9/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.3	<4.1	<4.1	<4.1	<170	<4.1	<4.1	<4.1	<4.1	<21	<21
DC-21	0.5	10/16/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.3	<3.2	<3.2	<3.2	<130	<3.2	<3.2	<3.2	<3.2	<16	<16
DC-21	2	10																	

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Methylenedichlorobenzene		1,4-Dichlorobenzene		Chloroform		1,4-Dioxane		Chloroethane		Tetrachloroethane		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone	
			benzene	ene	benzene	ene	Styrene	Disulfide	ene	Chloride	enzen	enzen	Chlorobenzene	Chloroforn	nzene	Dioxane	thane	Tetrachloride	Chloroform	Dioxane	Chloroethane	Tetrachloroethane	Chloropropane	Hexachlorobutadiene	4-Methyl-2-Pentanone	2-Hexanone				
Interim Action Objective-->			NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000									
DC-23	2	10/16/2013	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<4.5	<2.2	<2.2	<2.2	0.7	<90	<2.2	<2.2	<2.2	<2.2	<11	<11									
DC-24	0.5	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.3	<3.1	<3.1	<3.1	1.5	<130	<3.1	<3.1	<3.1	<3.1	<16	<16									
DC-24	2	10/16/2013	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<16	<8.1	<8.1	<8.1	<8.1	<320	<8.1	<8.1	<8.1	<8.1	<41	<41									
DC-24	5	10/16/2013	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<5.5	<220	<5.5	<5.5	<5.5	<5.5	<28	<28									
DC-25	0.5	10/16/2013	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<4.7	<2.3	<2.3	<2.3	0.7	<94	<2.3	<2.3	<2.3	<2.3	<12	<12									
DC-25	2	10/16/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.8	<2.9	<2.9	<2.9	<2.9	<120	<2.9	<2.9	<2.9	<2.9	<14	<14									
DC-25	5	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.3	<3.1	<3.1	<3.1	<3.1	<130	<3.1	<3.1	<3.1	<3.1	<16	<16									
DC-26	0.5	10/16/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.8	<3.4	<3.4	<3.4	1.0	<140	<3.4	<3.4	<3.4	<3.4	<17	<17									
DC-26	2	10/16/2013	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<4.6	<2.3	<2.3	<2.3	0.8	135	<2.3	<2.3	<2.3	<2.3	<12	<12									
DC-26	5	10/16/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.3	<3.1	<3.1	<3.1	<3.1	138	<3.1	<3.1	<3.1	<3.1	<16	<16									
DC-27	0.5	10/16/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.7	<3.4	<3.4	<3.4	1.1	354	<3.4	<3.4	<3.4	<3.4	<17	<17									
DC-27	2	10/16/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	1.4	705	<3.8	<3.8	<3.8	<3.8	<19	<19									
DC-27	5	10/16/2013	<3	<3	<3	<3	<3	<3	<3	<6.1	<3	<3	<3	<3	424	<3	<3	<3	<3	<15	<15									
DC-28	0.5	10/16/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	1.4	<140	<3.6	<3.6	<3.6	<3.6	<18	<18									
DC-28	2	10/16/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.8	<2.9	<2.9	<2.9	1.2	<120	<2.9	<2.9	<2.9	<2.9	<15	<15									
DC-28	5	10/16/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	1.3	<140	<3.4	<3.4	<3.4	<3.4	<17	<17									
DC-3	0.5	10/16/2013	<3	<3	<3	<3	<3	<3	6.0	<3	<5.9	<3	<3	3.9	599	<3	<3	<3	<3	<15	<15									
DC-3	2	10/16/2013	<2	<2	<2	<2	<2	<2	1.9	<2	2.6	<2	<2	1.6	259	<2	<2	<2	<2	<10	<10									
DC-4	0.5	10/10/2013	5.0	6.2	10.2	8.9	<3.5	<3.5	2.3	<7.1	<3.5	<3.5	<3.5	2.9	<140	<3.5	<3.5	<3.5	<3.5	<18	<18									
DC-4	2	10/10/2013	2.5	4.7	5.3	6.1	<4.8	<4.8	<4.8	<9.7	<4.8	<4.8	<4.8	2.6	<190	<4.8	<4.8	<4.8	<4.8	<24	<24									
DC-4	5	10/10/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7	<3.5	<3.5	<3.5	2.6	<140	<3.5	<3.5	<3.5	<3.5	<18	<18									
DC-5	0.5	10/16/2013	<3	<3	<3	<3	<3	<3	<3	<6.1	<3	<3	<3	0.7	<120	<3	<3	<3	<3	<15	<15									
DC-5	2	10/16/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	1.3	13000	<3.7	<3.7	<3.7	<3.7	<19	<19									
DC-5	5	10/16/2013	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<6.6	<3.3	<3.3	<3.3	2.6	<190	<3.9	<3.9	<3.9	<3.9	<19	<19									
DC-6	0.5	10/16/2013	<3.7	<3.7</td																										

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Methylenedichlorobenzene		1,4-Dichlorobenzene		Chlorofornane		1,4-Dioxane		Chloroethane		Tetrachloroethane		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone	
			Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene	Carbon Disulfide	Styrene		
Interim Action Objective-->			NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000									
JC-11	22	10/18/2013	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<200	<5.1	<5.1	<5.1	<5.1	<25	<25									
JC-12	0.5	10/18/2013	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<230	<5.6	<5.6	<5.6	<5.6	<28	<28									
JC-12	2	10/18/2013	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<6	<30	<30									
JC-13	0.5	10/18/2013	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<5.7	<5.7	<5.7	<230	<5.7	<5.7	<5.7	<5.7	<28	<28									
JC-13	2	10/18/2013	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<5.5	<2.7	<2.7	<2.7	<110	<2.7	<2.7	<2.7	<2.7	<14	<14									
JC-13	5	10/18/2013	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<6.1	<6.1	<6.1	<240	<6.1	<6.1	<6.1	<6.1	<31	<31									
JC-13	10	10/18/2013	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14	<7.2	<7.2	<7.2	<7.2	<290	<7.2	<7.2	<7.2	<7.2	<36	<36									
JC-13	15	10/18/2013	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14	<7.2	<7.2	<7.2	<7.2	<290	<7.2	<7.2	<7.2	<7.2	<36	<36									
JC-14	20.9	10/18/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21									
JC-14	0.5	10/18/2013	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<14	<6.9	<6.9	<6.9	<6.9	<280	<6.9	<6.9	<6.9	<6.9	<34	<34									
JC-2	2	10/18/2013	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<13	<6.4	<6.4	<6.4	<6.4	171	<6.4	<6.4	<6.4	<6.4	<32	<32									
JC-2	0.5	10/18/2013	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<14	<6.8	<6.8	<6.8	<6.8	<270	<6.8	<6.8	<6.8	<6.8	<34	<34									
JC-3	0.5	10/18/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.1	<4.5	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<4.5	<23	<23									
JC-3	2	10/18/2013	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<14	<6.9	<6.9	<6.9	<6.9	<270	<6.9	<6.9	<6.9	<6.9	<34	<34									
JC-3	5	10/18/2013	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<13	<6.4	<6.4	<6.4	<6.4	<260	<6.4	<6.4	<6.4	<6.4	<32	<32									
JC-3	10	10/18/2013	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<17	<8.6	<8.6	<8.6	<8.6	<350	<8.6	<8.6	<8.6	<8.6	<43	<43									
JC-3	15	10/18/2013	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<14	<6.9	<6.9	<6.9	<6.9	<270	<6.9	<6.9	<6.9	<6.9	<34	<34									
JC-3	22	10/18/2013	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<230	<5.6	<5.6	<5.6	<5.6	<28	<28									
JC-4	0.5	10/18/2013	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<5.3	<5.3	<5.3	<210	<5.3	<5.3	<5.3	<5.3	<26	<26									
JC-4	2	10/18/2013	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<6	<30	<30									
JC-4	5	10/18/2013	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13	<6.7	<6.7	<6.7	<6.7	<270	<6.7	<6.7	<6.7	<6.7	<34	<34									
JC-5	0.5	10/18/2013	<6	<6	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6	<240	<6	<6	<6	<6	<30	<30									
JC-5	2	10/18/2013	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	<2.5	<100	<2.5	<2.5	<2.5	<2.5	<12	<12									
JC-5	5	10/18/2013	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<230	<5.6	<5.6	<5.6	<5.6	<28	<28			</						

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Methylenedichlorobenzene		1,4-Dichlorobenzene		Chloroform		1,4-Dioxane		Chloroethane		Tetrachloroethane		Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone	
			benzene	ene	benzene	ene	Styrene	Disulfide	ene	Chloride	enzo	enzo	enzo	enzo	orm	Dioxane	thane	Tetrachlo	ropane	ride	obutadi	ne	Pentanone	2-Hexanone						
		Interim Action Objective-->	NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000									
S10-1	2	10/7/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	1.3	736	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<22						
S10-1	5	10/7/2013	<4	<4	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	1.3	1270	<4	<4	<4	<4	<4	<4	<4	<20	<20						
S10-1	10	10/7/2013	<290	<290	<290	<290	<290	<290	<290	<570	<290	<290	<290	<290	<11000	<290	<290	<290	<290	<290	<290	<290	<1400	<1400						
S10-1	15	10/7/2013	<5	<5	<5	<5	<5	<5	<5	<9.9	<5	<5	<5	<5	96.8	<5	<5	<5	<5	<5	<5	<5	<25	<25						
S10-1	16.5	10/7/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	4.1	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<20						
S10-2	5	10/10/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<170	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<22						
S10-2	10	10/10/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.1	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<18						
S10-2	15	10/10/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.6	<3.8	<3.8	<3.8	<3.8	0.9	99.1	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<19						
S10-2	20	10/10/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.8	<4.4	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<22						
S1-1	0	10/8/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<20						
S1-1	0.5	10/8/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<21	<21						
S1-1	2	10/8/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<21	<21						
S1-1	5	10/8/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<20						
S1-1	10	10/8/2013	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<5.4	<2.7	<2.7	<2.7	<2.7	<110	<2.7	1.0	<2.7	<2.7	<2.7	<2.7	<2.7	<13	<13						
S1-1	15	10/8/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<21						
S1-2	0.5	10/17/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<19						
S1-2	2	10/17/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	94.7	5.5	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<21						
S1-2	5	10/17/2013	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<9.4	<4.5	<4.5	<4.5	<4.5	<180	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<22	<22						
S1-2	10	10/17/2013	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.9	<2.9	<2.9	<2.9	<2.9	99.6	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<15	<15						
S1-2	15	10/17/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<18	<18						
S1-2	16	10/17/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.3	<4.6	<4.6	<4.6	<4.6	<190	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<23						
S2-1	0.5	10/18/2013	<4	<4	<4	<4	1.1	<4	<4	<8	<4	<4	<4	<4	<160	<4	<4	<4	<4	<4	<4	<4	20.0	<20						
S2-1	2	10/18/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<23						
S2-1	5	10/18/2013	<3.4																											

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Methylenedichlorobenzene		1,4-Dichlorobenzene		Chloroform		1,4-Dioxane		Chloroethane		Tetrachloroethane		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone		
			benzene	ene	benzene	ene	Styrene	Disulfide	ene	Chloride	enzo	enzo	enzo	enzo	orm	Dioxane	thane	Tetracl	ropane	obutadi	ne	Pentanone	2-Hexanone								
		Interim Action Objective-->	NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000										
S14-3	5	10/8/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<21								
S14-4	0.5	10/7/2013	<260	<260	<260	<260	<260	<260	<260	<510	<260	<260	<260	<260	<10000	<260	<260	<260	<260	<260	<260	<1300	<1300								
S14-4	2	10/7/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.9	<3.9	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<20	<20							
S14-4	5	10/7/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<21							
S14-4	10	10/7/2013	<4	<4	<4	<4	<4	<4	<4	<8.1	<4	<4	<4	<4	<4	<160	<4	<4	<4	<4	<4	<4	<20	<20							
S14-4	14.8	10/7/2013	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8	<3.9	<3.9	<3.9	<3.9	<3.9	<160	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<19	<19							
S14-4	15	10/7/2013	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<8.7	<4.4	<4.4	<4.4	<4.4	<4.4	<170	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<22	<22							
S14-5	0.5	10/7/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<3.7	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<19	<19							
S14-5	2	10/7/2013	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<200	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<25	<25							
S14-5	5	10/7/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<18							
S17-1	2	10/7/2013	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<23	<23							
S17-1	5	10/7/2013	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6	<4.8	<4.8	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<24	<24							
S17-1	10	10/7/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<3.6	<3.6	<3.6	<3.6	<3.6	<140	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<18	<18							
S17-1	13	10/7/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7.1	<3.5	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<18	<18							
S17-1	15	10/7/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<19							
S17-1	35	10/7/2013	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5	<4.7	<4.7	<4.7	<4.7	<4.7	<190	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<24	<24							
S17-2	0.5	10/4/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<20	<20							
S17-2	2	10/4/2013	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<190	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<24	<24							
S17-2	5	10/4/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<19	<19							
S17-2	10	10/4/2013	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<3.4	<140	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<17	<17							
S17-2	15	10/4/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<22	<22							
S17-2	17	10/4/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.5	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<21	<21							

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Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Dichloroethylene		1,4-Dichlorobenzene		Chloroforn		1,4-Dioxane		Chlorothiane		Tetrachloroethane		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone		
			benzene	ene	benzene	ene	Styrene	Disulfide	ene	Chloride	enzo	ne	Chlorobenzene	Chloroforn	ne	Dioxane	thane	Tetrachloroethane	Chloroform	Dioxane	Chloroform	Tetrachloroethane	Chloroform	Chloroform	Chloroform	Chloroform	Chloroform	Chloroform	Chloroform	Chloroform	
		Interim Action Objective-->	NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000										
S18-6	5	10/7/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<3.7	<3.7	<3.7	<3.7	<3.7	<150	<3.7	<3.7	<3.7	<19	<19										
S18-6	10	10/7/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<6.9	<3.5	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<3.5	<3.5	<17	<17										
S18-6	15	10/7/2013	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.1	<4.1	<4.1	<4.1	<4.1	<4.1	<160	<4.1	<4.1	<4.1	<20	<20										
S20-1	2	10/7/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.7	<4.3	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<22	<22										
S20-1	5	10/7/2013	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<7.7	<3.8	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	<19	<19										
S20-1	10	10/7/2013	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<13	<6.3	<6.3	<6.3	<6.3	<6.3	<250	<6.3	<6.3	<6.3	<31	<31										
S20-1	13	10/7/2013	<4.3	<4.3	2.3	2.8	<4.3	<4.3	1.1	<8.5	<4.3	1.2	<4.3	<170	<4.3	<4.3	<4.3	<4.3	<21	<21											
S20-1	15	10/7/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	2.8	<8.4	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<21	<21										
S22-1	0.5	10/18/2013	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<210	<5.4	<5.4	<5.4	<27	<27										
S22-1	2	10/9/2013	164	27.0	137	28.4	<4.1	<4.1	3.6	<8.3	<4.1	<4.1	<4.1	<4.1	<4.1	<170	<4.1	<4.1	<4.1	<21	<21										
S22-1	5	10/9/2013	95.7	13.3	91.4	15.4	<4.6	2.1	1.9	<9.2	<4.6	<4.6	<4.6	<4.6	<4.6	<180	<4.6	<4.6	<4.6	<23	<23										
S22-1	10	10/9/2013	10.8	2.1	9.1	2.5	<4	<4	<4	<7.9	<4	<4	<4	<4	<4	<160	<4	<4	<4	<20	<20										
S22-1	15	10/9/2013	3.4	<4.8	3.9	<4.8	<4.8	<4.8	<4.8	<9.7	<4.8	<4.8	<4.8	<4.8	<4.8	<190	<4.8	<4.8	<4.8	<24	<24										
S22-1	16	10/9/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.5	<4.3	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<21	<21										
S22-2	0.5	10/9/2013	2110	34.0	2280	31.9	<4.4	<4.4	3.8	<8.8	4.1	<4.4	<4.4	<4.4	<4.4	<180	<4.4	<4.4	<4.4	<22	<22										
S22-2	2	10/9/2013	1520	415	1860	284.0	<280	<280	<280	<560	<280	<280	<280	<280	<280	<11000	<280	<280	<280	<1400	<1400										
S22-2	5	10/9/2013	2860	427	3050	339.0	<300	<300	<300	<600	<300	<300	<300	<300	<300	<12000	<300	<300	<300	<300	<300	7250	<1500								
S22-2	10	10/9/2013	23.5	1.4	17.9	1.4	<3.4	<3.4	<3.4	<6.9	<3.4	<3.4	<3.4	<3.4	<3.4	<140	<3.4	<3.4	<3.4	25.5	8.7										
S22-2	15	10/9/2013	2.0	<4.3	2.0	<4.3	<4.3	<4.3	<4.3	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	<170	<4.3	<4.3	<4.3	<21	<21										
S22-2	17	10/9/2013	12.1	2.3	12.5	2.1	<3.8	5.3	<3.8	<7.6	<3.8	<3.8	<3.8	<3.8	<3.8	<150	<3.8	<3.8	<3.8	106	<19										
S24-1	2	10/10/2013	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<220	<5.6	<5.6	<5.6	<28	<28										
S24-1	5	10/10/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<4.2	<4.2	<4.2	<4.2	<4.2	<170	<4.2	<4.2	<4.2	<21	<21										
S24-1	10	10/10/2013	<4	<4	<4	<4	<4	<4	<4	<8	<4	<4	<4	<4	<4	<160	<4	<4	<4	<20	<20										
S24-1	15	10/10/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7.1	<3.5	<3.5	<3.5	<3.5	<3.5	<140	<3.5	<													

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Dichloroethylene Chloride		1,4-Dichlorobenzene		Chloroforn		1,4-Dioxane		Chloroethane		Tetrachloroethane		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone	
			benzene	ene	benzene	ene	Styrene	Disulfide	ene	Chloride	enzo	ne	Chlorobenzene	Chloroforn	ne	Dioxane	thane	Tetrachloroethane	ne	obutadiene	ne	Chloroform	Dichloropropane	ne	4-Methyl-2-Pentanone	2-Hexanone				
Interim Action Objective-->			NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000									
A12-9	20	12/17/2013	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	NA	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<16.1		
BC-5	5	12/18/2013	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	NA	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.4	<12.7		
BC-5	10	12/18/2013	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	NA	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<6.9	<13.8			
BC-5	15	12/18/2013	8.0	35.2	54.2	17.2	<3	<3	<3	<3	<3	<3	<3	<3	<3	NA	<3	<3	<3	<3	<3	<3	<3	<3	<3	<5.9	<11.9			
BC-5	20	12/18/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<16.7		
DC-29	15	12/19/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<16.8		
DC-30	10	12/19/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<19.9		
DC-31	15	12/19/2013	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	NA	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<19.5		
DC-33	10	1/8/2014	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	NA	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<5.4	<10.8			
NBJ-2	5	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.1	<12.3		
NBJ-2	10	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<12.4			
NBJ-2	15	2/12/2014	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	NA	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<6.7	<13.5			
NBJ-2	20	2/12/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<12.5			
NBJ-3	5	2/12/2014	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	NA	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<6.3	<12.6			
NBJ-3	10	2/12/2014	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	NA	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<4.7	<9.5			
NBJ-3	15	2/12/2014	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	NA	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<5.1	<10.2			
NBJ-3	20	2/12/2014	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	NA	<3	<3	<3	<3	<3	<3	<3	<3	<3	<6	<12.1			
NBJ-4	5	2/12/2014	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	NA	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<6.6	<13.2			
NBJ-4	10	2/12/2014	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	NA	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<5.1	<10.3			
NBJ-4	15	2/12/2014	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	NA	<3	<3	<3	<3	<3	<3	<3	<3	<3	<6	<11.9			
NBJ-4	20	2/12/2014	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	NA	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<5.5	<11			
S11-14	15	1/7/2014	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	NA	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.4	<14.9			
S11-15	15	1/7/20																												

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Methylenedichlorobenzene		1,4-Dichlorobenzene		Chlorofornane		1,4-Dioxane		Chloroethane		Tetrachloroethane		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone	
			benzene	benzene	benzene	benzene	Styrene	Disulfide	ene	Chloride	ene	Chlorobenzene	Chlorobenzene	Chlorobenzene	Chlorofornane	Dioxane	Chloroethane	Tetrachloroethane	Chloroethane	Dichloropropane	Chloroethane	Hexachlorobutadiene	4-Methyl-2-Pentanone	2-Hexanone						
			Interim Action Objective-->		NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000							
S14-17	20	2/12/2014	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	NA	<3.2	NA	<3.2	<3.2	<3.2	<3.2	<3.2	<6.3	<12.6						
S14-7	0.5	12/19/2013	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	NA	<5.5	NA	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<21.9						
S14-9	5	12/20/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<16.7						
S18-10	5	12/17/2013	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	NA	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<7.5	<14.9						
S18-12	15	12/17/2013	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	NA	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<7.2	<14.5						
S18-20	15	1/7/2014	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5.1	<10.1						
S20-2	10	12/17/2013	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.4	<16.8						
S20-2	15	12/17/2013	46400	102000	262000	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<23100	NA	<23100	<23100	<23100	<23100	<23100	<23100	<23100	<46200	<92400						
S20-2	20	12/17/2013	4.9	8.6	23.7	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	NA	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<8.3	<16.6						
S20-3	10	12/17/2013	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	NA	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<6.7	<13.3						
S20-3	15	12/17/2013	<1870	4610	10300	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<1870	NA	<1870	<1870	<1870	<1870	<1870	<1870	<1870	<3740	<7480						
S20-3	20	12/17/2013	<4.1	<4.1	13.3	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	NA	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<8.2	<16.4						
S25-3	5	12/18/2013	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.1	<12.2						
S25-3	10	12/18/2013	5.6	4.5	3.7	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	NA	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<5.9	<11.7						
S25-3	15	12/18/2013	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	NA	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<13	<26						
S25-3	20	12/18/2013	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	NA	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<5.6	<11.2						
SEBJ-11	10	1/6/2014	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	NA	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<7	<14.1						
SEBJ-5	15	12/19/2013	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	NA	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<10.9	<21.7						
SEBJ-6	15	12/19/2013	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	NA	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6	<17.3						
SEBJ-8	10	1/6/2014	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	NA	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<6.2	<12.5						
Historic Soil Analytical Results																														
B-1	16	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5											

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Methylenedichlorobenzene		1,4-Dichlorobenzene		Chloroforn		1,4-Dioxane		Chloroethane		Tetrachloroethane		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone	
			benzene	benzene	benzene	benzene	Styrene	Disulfide	ene	Chloride	enzo	ne	Chlorobenzene	Chloroforn	ne	Dioxane	thane	Tetrachloroethane	ne	Chloroethane	Dichloropropane	obutadiene	4-Methyl-2-Pentanone	2-Hexanone						
		Interim Action Objective-->	NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000									
B-11	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-110	13	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-110	3	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-110	0.5	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-111	15	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-111	3	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-111	0.5	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-12	3	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-13	12	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-13	3	12/2/1999	<25	<25	<25	<25	<25	NA	<25	28.0	<25	<25	<25	<25	<25	<50	NA	<25	<25	<25	<25	NA	NA	NA	NA	NA	NA	NA	NA	
B-14	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	5.0	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-15	3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-16	3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-17	3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-18	3	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-19	13	12/2/1999	<5	<5	<5	<5	<5	NA	<5	5.1	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-19	3	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-2	0.3	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-20	16	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-20	3	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-21	12	12/2/1999	<25	<25	<25	<25	<25	NA	<25	26.0	<25	<25	<25	<25	<25	<25	NA	<50	<25	<25	<25	NA	NA	NA	NA	NA	NA	NA	NA	
B-21	3	12/2/1999	<500	<500	<500	<500	<500	NA	<500	<500	<500	<500	<500	<500	<500	<500	NA	<1000	<500	<500	<500	NA	NA	NA	NA	NA	NA	NA	NA	
B-22	16	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-22	3	12/2/1999	<5	<5	<5	<5	<5	NA	<5	5.5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-23	3	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-23	8	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	
B-24																														

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Methylenedichlorobenzene		1,4-Dichlorobenzene		Chlorofornane		1,4-Dioxane		Chloroethane		Tetrachloroethane		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone	
			benzene	benzene	benzene	benzene	Styrene	Disulfide	ene	Chloride	enzo	enzo	Chlorobenzene	Chlorobenzene	Chlorobenzene	Chlorobenzene	Chlorofornane	Dioxane	Chloroethane	Tetrachloroethane	Dichloropropane	Hexachlorobutadiene	4-Methyl-2-Pentanone	2-Hexanone						
		Interim Action Objective-->	NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000									
B-38	3	12/2/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-39	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-4	16	12/1/1999	1000	4600	5900	<1000	<1000	NA	<1000	<1000	<1000	<1000	<1000	<1000	NA	<2000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	NA	NA	
B-4	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	5.0	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-40	16	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-40	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	5.7	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-41	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-42	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-43	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-44	11	11/30/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-44	15	11/30/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-45	14	11/8/2001	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA	<50	<25	<25	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-45	4	11/8/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-46	13	11/8/2001	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA	<50	<25	<25	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-46	2	11/8/2001	<1200	<1200	<1200	<1200	<1200	NA	<1200	<1200	<1200	<1200	<1200	<1200	NA	<2400	<1200	<1200	<1200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-47	14	11/8/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-47	3	11/8/2001	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA	<50	<25	<25	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-48	14	11/9/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-48	3	11/9/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-49	15	11/7/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-49	4	11/7/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-50	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-50	15	11/9/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-50	4	11/9/2001	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<25	NA	<50	<25	<25	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-51	15	11/7/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B-51	4	11/7/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA	NA	NA							

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropylbenzene		N-Butylbenzene		Sec-Butylbenzene		Tert-Butylbenzene		1,2-Methylenedichlorobenzene		1,4-Dichlorobenzene		Chlorofornane		1,4-Dioxane		Chloroethane		Tetrachloroethane		1,2-Dichloropropane		Hexachlorobutadiene		4-Methyl-2-Pentanone		2-Hexanone	
			benzene	benzene	benzene	benzene	Styrene	Disulfide	ene	Chloride	enzo	Chlorobenzene	Chlorobenzene	Chlorobenzene	Chlorofornane	Dioxane	Chloroethane	Tetrachloroethane	Chloroethane	Dichloropropane	Chloroethane	Hexachlorobutadiene	4-Methyl-2-Pentanone	2-Hexanone						
		Interim Action Objective-->	NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000									
B-62	17	11/7/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-62	5	11/7/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-63	0.5	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-63	11	11/12/2001	<490	<490	<490	<490	<490	NA	<490	<490	<490	<490	<490	<980	NA	<980	<490	<490	<490	<490	<490									
B-63	19	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-68	4	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-69	15	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-69	3	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-7	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	NA	<10	<5	<5	<5	NA	NA									
B-70	18	11/7/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-70	8	11/7/2001	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<50	NA	<50	<25	<25	<25	NA	NA									
B-70V	16	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-70V	8	1/31/2005	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-76	16	11/7/2001	<250	<250	<250	<250	<250	NA	<250	<250	<250	<250	<250	<500	NA	<500	<250	<250	<250	<250	<250									
B-76	4	11/7/2001	<25	<25	<25	<25	<25	NA	<25	<25	<25	<25	<25	<50	NA	<50	<25	<25	<25	<25	<25									
B-77	16	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-77	5	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-8	0.3	12/1/1999	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-80	1	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-80	15	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-83	1	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-83	15	11/12/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-84	11.5	8/20/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-84	4	8/20/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-85	10	8/20/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-85	3.5	8/20/2002	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA									
B-86	11	8/20/2002	<250	<250	<250	<250	<250	NA	<250	<250	<250	<250	<250	<500	NA	<500	<250	<250	<250	<250	<250									
B-86	3.5	8/20/2002	<240	<240	<240	<240	<240	NA	<240	<240	<240	<240	<240	<480	NA	<														

Table 2
Analytical Results for Detected VOCs in Soil (ug/kg)
Clean Harbors Wichita

Boring ID	Depth (ft. bgs.)	Date Collected	N-Isopropyl benzene	N-Butylbenz ene	N-Propylbenz ene	Sec-Butylbenz ene	Tert- Carbon Disulfide	1,2- Butylbenz ene Chloride	1,4- Methylen e Chloride	Dichlorob enzene	Dichlorob enzene	Chlorobe nzenes	Chlorof orm	1,4- Dioxane	Chloroe thane	Carbon Tetrachloro thane	1,2- Dichlorop ropane	Hexachlor obutadiene	4-Methyl-2- Pentanone	2-Hexanone	
			50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000	
		Interim Action Objective-->	NA	50900	110000	82700	93400	6710	10000	42.9	48400	5940	5100	850	38.4	128000	73.4	81.7	1100	6690	140000
B-97	14	8/20/2002	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	
B-98	0.5	8/20/2002	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	
B-98	12	8/20/2002	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	
B-99	12	8/21/2002	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	
B-99	8	8/21/2002	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<10	NA	<10	<5	<5	<5	NA	NA	

Data Summary:

Number of Analyses	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	
Number of Detections	37	34	44	32	2	20	13	15	7	1	3	28	26	5	2	1	1	6	2
Frequency of Detection	5.3%	4.8%	6.3%	4.6%	0.3%	2.8%	1.9%	2.1%	1.0%	0.1%	0.4%	4.0%	3.7%	0.7%	0.3%	0.1%	0.1%	0.9%	0.3%
Min Detected Conc.	1	1.4	0.96	1.2	1.1	1.9	1.1	2.6	1.9	1.4	1.2	0.66	55.8	2.6	0.94	1.3	242	5.4	8.7
Average Detected Conc.	2463	3572	7653	2401	6601	4.4	17	8.2	82	1.4	369	1.5	1204	12	1.0	1.3	242	1353	32
Max Detected Conc.	46400	102000	262000	69800	13200	12.8	147	28	420	1.4	1100	3.9	13000	32.2	0.99	1.3	242	7250	55.6

Notes:

Interim Action Objectives - Kansas Depa

Values in **BOLD** exceed Interim Action C

NA - Not Analyzed

Reporting Limits and Detection Limits
IRM Confirmatory Samples
Clean Harbors Wichita

Compound	CAS No.	RL/PQL	MDL	IAO	Units	Phase I	Phase II	Phase III	Phase IV	Closure *
Volatile Organic Compounds (USEPA Method 8260)										
Acetone	67-64-1	50	15	51600	ug/kg	X	X	X	X	X
Acrolein	107-02-8	25	11	NA	ug/kg	X	X	X	X	X
Acrylonitrile	107-13-1	25	7.8	NA	ug/kg	X	X	X	X	X
Benzene	71-43-2	5	1	168	ug/kg	X	X	X	X	X
Bromobenzene	108-86-1	5	1.1	NA	ug/kg	X	X	X	X	X
Bromoform	74-97-5	5	1.9	NA	ug/kg	X	X	X	X	X
Bromodichloromethane	75-27-4	5	1	NA	ug/kg	X	X	X	X	X
n-Butylbenzene	75-25-2	5	1.1	NA	ug/kg	X	X	X	X	X
sec-Butylbenzene	104-51-8	5	1	50900	ug/kg	X	X	X	X	X
tert-Butylbenzene	135-98-8	5	1	82700	ug/kg	X	X	X	X	X
Chlorobenzene	98-06-6	5	1	10000000	ug/kg	X	X	X	X	X
Chloroethane	108-90-7	5	1	5100	ug/kg	X	X	X	X	X
Chloroform	75-00-3	5	2.3	128000	ug/kg	X	X	X	X	X
o-Chlorotoluene	75-66-3	5	1.1	850	ug/kg	X	X	X	X	X
p-Chlorotoluene	95-49-8	5	1	NA	ug/kg	X	X	X	X	X
2-Chloroethyl vinyl ether	106-43-4	5	1	NA	ug/kg	X	X	X	X	X
Carbon disulfide	110-75-8	25	10	NA	ug/kg	X	X	X	X	X
Carbon tetrachloride	75-15-0	5	1	6710	ug/kg	X	X	X	X	X
1,1-Dichloroethane	56-23-5	5	1.4	73.4	ug/kg	X	X	X	X	X
1,1-Dichloroethylene	75-34-3	5	1	269	ug/kg	X	X	X	X	X
1,1-Dichloropropene	75-35-4	5	1	85.9	ug/kg	X	X	X	X	X
1,2-Dibromo-3-chloropropane	563-58-6	5	1.1	NA	ug/kg	X	X	X	X	X
1,2-Dibromoethane	96-12-8	5	2.1	NA	ug/kg	X	X	X	X	X
1,2-Dibromoethane	106-93-4	5	1.8	NA	ug/kg	X	X	X	X	X
1,2-Dichloroethane	107-06-2	5	1	60	ug/kg	X	X	X	X	X
1,2-Dichloropropane	78-87-5	5	1	81.7	ug/kg	X	X	X	X	X
1,3-Dichloropropane	142-28-9	5	1	NA	ug/kg	X	X	X	X	X
2,2-Dichloropropane	594-20-7	5	1.4	NA	ug/kg	X	X	X	X	X
Dibromochloromethane	124-48-1	5	1	NA	ug/kg	X	X	X	X	X
Dichlorodifluoromethane	75-71-8	5	1.3	NA	ug/kg	X	X	X	X	X
cis-1,2-Dichloroethylene	156-59-2	5	1	855	ug/kg	X	X	X	X	X
cis-1,3-Dichloropropene	10061-01-5	5	1	NA	ug/kg	X	X	X	X	X
m-Dichlorobenzene	541-73-1	5	1	NA	ug/kg	X	X	X	X	X
o-Dichlorobenzene	95-50-1	5	1	48400	ug/kg	X	X	X	X	X
p-Dichlorobenzene	106-46-7	5	1.1	5940	ug/kg	X	X	X	X	X
trans-1,2-Dichloroethylene	156-60-5	5	1.3	1220	ug/kg	X	X	X	X	X
trans-1,3-Dichloropropene	10061-02-6	5	1	NA	ug/kg	X	X	X	X	X
1,4-Dioxane (8260 SIM)	123-91-1	5	2	38.4	ug/kg	X	X	X	X	X
Ethylbenzene	100-41-4	5	1	65600	ug/kg	X	X	X	X	X
2-Hexanone	591-78-6	25	4.9	140000	ug/kg	X	X	X	X	X
Hexachlorobutadiene	87-68-3	5	1	1100	ug/kg	X	X	X	X	X
Isopropylbenzene	98-82-8	5	1	65100	ug/kg	X	X	X	X	X
p-Isopropyltoluene	99-87-6	5	1	NA	ug/kg	X	X	X	X	X
4-Methyl-2-pentanone	108-10-1	25	5	6690	ug/kg	X	X	X	X	X
Methyl bromide	74-83-9	5	1.9	NA	ug/kg	X	X	X	X	X
Methyl chloride	74-87-3	5	2	NA	ug/kg	X	X	X	X	X
Methylene bromide	74-95-3	5	1.2	NA	ug/kg	X	X	X	X	X
Methylene chloride	75-09-2	10	4	42.9	ug/kg	X	X	X	X	X
Methyl ethyl ketone	78-93-3	25	7.5	24200	ug/kg	X	X	X	X	X
Methyl Tert Butyl Ether	1634-04-4	5	1	848	ug/kg	X	X	X	X	X
Naphthalene	91-20-3	5	2	349	ug/kg	X	X	X	X	X
n-Propylbenzene	103-65-1	5	1	110000	ug/kg	X	X	X	X	X
Styrene	100-42-5	5	1	9340	ug/kg	X	X	X	X	X
1,1,1,2-Tetrachloroethane	630-20-6	5	1.1	NA	ug/kg	X	X	X	X	X
1,1,1-Trichloroethane	71-55-6	5	1	2800	ug/kg	X	X	X	X	X
1,1,2,2-Tetrachloroethane	79-34-5	5	1.4	16	ug/kg	X	X	X	X	X
1,1,2-Trichloroethane	79-00-5	5	1.6	81	ug/kg	X	X	X	X	X
1,2,3-Trichlorobenzene	87-61-6	5	1.2	NA	ug/kg	X	X	X	X	X

Reporting Limits and Detection Limits
IRM Confirmatory Samples
Clean Harbors Wichita

Compound	CAS No.	RL/PQL	MDL	IAO	Units	Phase I	Phase II	Phase III	Phase IV	Closure *
1,2,3-Trichloropropane	96-18-4	5	1.9	NA	ug/kg	X	X	X	X	X
1,2,4-Trichlorobenzene	120-82-1	5	1.2	NA	ug/kg	X	X	X	X	X
1,2,4-Trimethylbenzene	95-63-6	5	1	1070	ug/kg	X	X	X	X	X
1,3,5-Trimethylbenzene	108-67-8	5	1	5510	ug/kg	X	X	X	X	X
Tetrachloroethylene	127-18-4	5	1.3	121	ug/kg	X	X	X	X	X
Toluene	108-88-3	5	1	51200	ug/kg	X	X	X	X	X
Trichloroethylene	79-01-6	5	1	84.2	ug/kg	X	X	X	X	X
Trichlorofluoromethane	75-69-4	5	1	NA	ug/kg	X	X	X	X	X
Vinyl chloride	75-01-4	5	1	20.5	ug/kg	X	X	X	X	X
Vinyl Acetate	108-05-4	25	8	NA	ug/kg	X	X	X	X	X
m,p-Xylene		10	1.6	NA	ug/kg	X	X	X	X	X
o-Xylene	95-47-6	5	1.1	809000	ug/kg	X	X	X	X	X
Semi-Volatile Organic Compounds (USEPA Method 8270)										
Benzoic Acid	65-85-0	830	170	NA	ug/kg	X	X	X	X	X
2-Chlorophenol	95-57-8	170	17	NA	ug/kg	X	X	X	X	X
4-Chloro-3-methyl phenol	59-50-7	170	17	NA	ug/kg	X	X	X	X	X
2,4-Dichlorophenol	120-83-2	170	17	NA	ug/kg	X	X	X	X	X
2,4-Dimethylphenol	105-67-9	170	18	29900	ug/kg	X	X	X	X	X
2,4-Dinitrophenol	51-28-5	830	170	NA	ug/kg	X	X	X	X	X
4,6-Dinitro-o-cresol	534-52-1	330	67	NA	ug/kg	X	X	X	X	X
2-Methylphenol	95-48-7	170	17	48600	ug/kg	X	X	X	X	X
3&4-Methylphenol		170	33	NA	ug/kg	X	X	X	X	X
2-Nitrophenol	88-75-5	170	17	NA	ug/kg	X	X	X	X	X
4-Nitrophenol	100-02-7	830	130	NA	ug/kg	X	X	X	X	X
Pentachlorophenol	87-86-5	830	130	996	ug/kg	X	X	X	X	X
Phenol	108-95-2	170	17	189000	ug/kg	X	X	X	X	X
2,4,5-Trichlorophenol	95-95-4	170	21	NA	ug/kg	X	X	X	X	X
2,4,6-Trichlorophenol	88-06-2	170	17	NA	ug/kg	X	X	X	X	X
Acenaphthene	83-32-9	170	21	255000	ug/kg	X	X	X	X	X
Acenaphthylene	208-96-8	170	17	NA	ug/kg	X	X	X	X	X
Aniline	62-53-3	170	17	1950	ug/kg	X	X	X	X	X
Anthracene	120-12-7	170	17	3770000	ug/kg	X	X	X	X	X
Benzidine	92-87-5	1700	330	NA	ug/kg	X	X	X	X	X
Benzo(a)anthracene	56-55-3	170	17	7890	ug/kg	X	X	X	X	X
Benzo(a)pyrene	50-32-8	170	17	23500	ug/kg	X	X	X	X	X
Benzo(b)fluoranthene	205-99-2	170	17	19200	ug/kg	X	X	X	X	X
Benzo(g,h,i)perylene	191-24-2	170	17	NA	ug/kg	X	X	X	X	X
Benzo(k)fluoranthene	207-08-9	170	18	190000	ug/kg	X	X	X	X	X
4-Bromophenyl phenyl ether	101-55-3	170	17	NA	ug/kg	X	X	X	X	X
Butyl benzyl phthalate	85-68-7	170	33	478000	ug/kg	X	X	X	X	X
Benzyl Alcohol	100-51-6	170	17	NA	ug/kg	X	X	X	X	X
2-Chloronaphthalene	91-58-7	170	20	NA	ug/kg	X	X	X	X	X
4-Chloroaniline	106-47-8	170	17	NA	ug/kg	X	X	X	X	X
Carbazole	86-74-8	170	17	52700	ug/kg	X	X	X	X	X
Chrysene	218-01-9	170	17	805000	ug/kg	X	X	X	X	X
bis(2-Chloroethoxy)methane	111-91-1	170	17	NA	ug/kg	X	X	X	X	X
bis(2-Chloroethyl)ether	111-44-4	170	17	NA	ug/kg	X	X	X	X	X
bis(2-Chloroisopropyl)ether	108-60-1	170	17	NA	ug/kg	X	X	X	X	X
4-Chlorophenyl phenyl ether	7005-72-3	170	25	NA	ug/kg	X	X	X	X	X
1,2-Dichlorobenzene	95-50-1	170	17	48400	ug/kg	X	X	X	X	X
1,2-Diphenylhydrazine	122-66-7	170	19	NA	ug/kg	X	X	X	X	X
1,3-Dichlorobenzene	541-73-1	170	17	NA	ug/kg	X	X	X	X	X
1,4-Dichlorobenzene	106-46-7	170	17	5940	ug/kg	X	X	X	X	X
2,4-Dinitrotoluene	121-14-2	170	19	NA	ug/kg	X	X	X	X	X
2,6-Dinitrotoluene	606-20-2	170	18	NA	ug/kg	X	X	X	X	X
3,3'-Dichlorobenzidine	91-94-1	170	17	NA	ug/kg	X	X	X	X	X
Dibenzo(a,h)anthracene	53-70-3	170	17	3080	ug/kg	X	X	X	X	X
Dibenzofuran	132-64-9	170	17	7590	ug/kg	X	X	X	X	X
Di-n-butyl phthalate	84-74-2	330	33	318000	ug/kg	X	X	X	X	X

Reporting Limits and Detection Limits
IRM Confirmatory Samples
Clean Harbors Wichita

Compound	CAS No.	RL/PQL	MDL	IAO	Units	Phase I	Phase II	Phase III	Phase IV	Closure *
Di-n-octyl phthalate	117-84-0	170	33	NA	ug/kg	X	X	X	X	X
Diethyl phthalate	84-66-2	330	33	NA	ug/kg	X	X	X	X	X
Dimethyl phthalate	131-11-3	170	33	NA	ug/kg	X	X	X	X	X
bis(2-Ethylhexyl)phthalate	117-81-7	330	33	144000	ug/kg	X	X	X	X	X
Fluoranthene	206-44-0	170	17	2830000	ug/kg	X	X	X	X	X
Fluorene	86-73-7	170	17	297000	ug/kg	X	X	X	X	X
Hexachlorobenzene	118-74-1	170	17	1240	ug/kg	X	X	X	X	X
Hexachlorobutadiene	87-68-3	170	17	1100	ug/kg	X	X	X	X	X
Hexachlorocyclopentadiene	77-47-4	170	17	NA	ug/kg	X	X	X	X	X
Hexachloroethane	67-72-1	170	17	NA	ug/kg	X	X	X	X	X
Indeno(1,2,3-cd)pyrene	193-39-5	170	17	45500	ug/kg	X	X	X	X	X
Isophorone	78-59-1	170	17	1800000	ug/kg	X	X	X	X	X
1-Methylnaphthalene	90-12-0	170	17	2190	ug/kg	X	X	X	X	X
2-Methylnaphthalene	91-57-6	170	17	8340	ug/kg	X	X	X	X	X
2-Nitroaniline	88-74-4	170	33	NA	ug/kg	X	X	X	X	X
3-Nitroaniline	99-09-2	170	33	NA	ug/kg	X	X	X	X	X
4-Nitroaniline	100-01-6	170	33	NA	ug/kg	X	X	X	X	X
Naphthalene	91-20-3	170	17	349	ug/kg	X	X	X	X	X
Nitrobenzene	98-95-3	170	17	NA	ug/kg	X	X	X	X	X
N-Nitrosodimethylamine	62-75-9	170	19	NA	ug/kg	X	X	X	X	X
N-Nitroso-di-n-propylamine	621-64-7	170	17	NA	ug/kg	X	X	X	X	X
N-Nitrosodiphenylamine	86-30-6	170	17	350000	ug/kg	X	X	X	X	X
Phenanthrene	85-01-8	170	17	NA	ug/kg	X	X	X	X	X
Pyrene	129-00-0	170	17	2190000	ug/kg	X	X	X	X	X
Pyridine	110-86-1	330	33	NA	ug/kg	X	X	X	X	X
1,2,4-Trichlorobenzene	120-82-1	170	17	NA	ug/kg	X	X	X	X	X
Dalapon (8151MS)										
Dalapon	75-99-0	5	1.5	929	ug/kg	X**				X
Pesticides (8081)										
Aldrin	309-00-2	1.7	0.34	NA	ug/kg					X
alpha-BHC	319-84-6	1.7	0.33	NA	ug/kg					X
beta-BHC	319-85-7	1.7	0.33	NA	ug/kg					X
delta-BHC	319-86-8	1.7	0.37	NA	ug/kg					X
gamma-BHC (Lindane)	58-89-9	1.7	0.33	NA	ug/kg					X
alpha-Chlordane	5103-71-9	1.7	0.35	NA	ug/kg					X
gamma-Chlordane	5103-74-2	1.7	0.4	NA	ug/kg					X
Dieldrin	60-57-1	1.7	0.38	193	ug/kg					X
4,4'-DDD	72-54-8	3.3	0.39	31800	ug/kg					X
4,4'-DDE	72-55-9	3.3	0.41	24100	ug/kg					X
4,4'-DDT	50-29-3	3.3	0.33	24600	ug/kg					X
Endrin	72-20-8	3.3	0.33	NA	ug/kg					X
Endosulfan sulfate	1031-07-8	3.3	0.34	NA	ug/kg					X
Endrin aldehyde	7421-93-4	3.3	0.33	NA	ug/kg					X
Endrin ketone	53494-70-5	3.3	0.33	NA	ug/kg					X
Endosulfan-I	959-98-8	1.7	0.36	NA	ug/kg					X
Endosulfan-II	33213-65-9	1.7	0.33	NA	ug/kg					X
Heptachlor	76-44-8	1.7	0.39	NA	ug/kg					X
Heptachlor epoxide	1024-57-3	1.7	0.36	405	ug/kg					X
Methoxychlor	72-43-5	3.3	0.4	215000	ug/kg					X
Toxaphene	8001-35-2	83	33	46300	ug/kg					X
Herbicides (8151)										
2,4-D	94-75-7	33	5.6	NA	ug/kg					X
2,4,5-TP (Silvex)	93-72-1	3.3	0.9	NA	ug/kg					X
2,4,5-T	93-76-5	3.3	0.66	3750	ug/kg					X
Dicamba	1918-00-9	3.3	1.1	NA	ug/kg					X
Dinoseb	88-85-7	83	17	NA	ug/kg					X
Dalapon	75-99-0	170	33	929	ug/kg					X
Dichloroprop	120-36-5	33	12	NA	ug/kg					X
2,4-DB	94-82-6	33	12	NA	ug/kg					X

Reporting Limits and Detection Limits
IRM Confirmatory Samples
Clean Harbors Wichita

Compound	CAS No.	RL/PQL	MDL	IAO	Units	Phase I	Phase II	Phase III	Phase IV	Closure *
MCPP	93-65-2	3300	880	NA	ug/kg					X
MCPA	94-74-6	3300	790	NA	ug/kg					X
Pentachlorophenol	87-86-5	3.3	0.5	996	ug/kg					X
PCBs (8082)										
Aroclor 1016	12674-11-2	17	6.6	NA	ug/kg					X
Aroclor 1221	11104-28-2	17	8.3	NA	ug/kg					X
Aroclor 1232	11141-16-5	17	8.3	NA	ug/kg					X
Aroclor 1242	53469-21-9	17	6.6	NA	ug/kg					X
Aroclor 1248	12672-29-6	17	6.6	NA	ug/kg					X
Aroclor 1254	11097-69-1	17	6.6	***	ug/kg					X
Aroclor 1260	11096-82-5	17	6.6	NA	ug/kg					X
RCRA 8 Metals (USEPA Method 6010/6020)										
Arsenic	7440-38-2	0.5	0.1	63.2	mg/kg	X	X	X	X	X
Barium	7440-39-3	10	0.05	277000	mg/kg	X	X	X	X	X
Cadmium	7440-43-9	0.2	0.025	965	mg/kg	X	X	X	X	X
Chromium	7440-47-3	0.5	0.05	111	mg/kg	X	X	X	X	X
Mercury (7470/7471)	7439-97-6	0.041	0.0041	20	mg/kg	X	X	X	X	X
Lead	7439-92-1	1	0.08	1000	mg/kg	X	X	X	X	X
Selenium	7782-49-2	1	0.15	10200	mg/kg	X	X	X	X	X
Silver	7440-22-4	0.5	0.0325	10200	mg/kg	X	X	X	X	X

* - Analysis of closure analytes to be performed beneath buildings undergoing closure (Buildings B, C, D and the process area)

This work will be performed during phases III and IV of the IRM.

** - Samples for Dalapon by 8151 MS to be collected only beneath Building J and not in other phase I excavations.

*** - PCB detections in confirmation soil samples will be addressed in consultation with EPA.

RL/PQL - Reporting Limit or Practical Quantitation Limit

MDL - Method Detection Limit

IAO - Interim Action Objective for compounds detected during previous RFI phases. No IAOs are proposed for compounds not detected to date.

ug/kg - micrograms per kilogram

mg/kg - milligrams per kilogram

X - Denotes that confirmation sampling for the specified analyte will be performed

VOCs are to be analyzed in every confirmation sample collected

Metals are to be analyzed in all confirmation samples from the Northeastern Corner and Processing Area excavations

Metals are to be analyzed at a frequency of 10% of the VOC samples in other areas of the Site

SVOCs, Pesticides, Herbicides and PCBs are to be analyzed at a frequency of 10% of the VOC samples in the areas specified.

Table 7
Soil Pesticide, Herbicide and PCB Results (ug/kg)
Clean Harbors Wichita
2549 New York Ave, Wichita

Boring	Depth	Date Sampled	2,4,5-T	2,4-D	2,4-Db	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	Alpha-Chlordane	beta-BHC	Chlordane (Technical)	Dalapon	delta-BHC	Dicamba	Dichlorprop	Endosulfa n I	Endosulfa n II	Endosulfan Sulfate	Endrin		
KDHE Tier II Soil->GW (res)			3750	695	2710	31800	24100	24600	812	NA	NA	NA	135000	NA	NA	4520	NA	193	12200	125000	NA	8040	NA
RFI Phase IV Results																							
BC-1	0.5	10/17/13	<38	<380	<380	<3.9	<3.9	<3.9	<1.9	<1.9	<1.9	<1.9	NA	<1900	<1.9	<38	<380	<1.9	<950	<1.9	<3.9	<3.9	<3.9
BC-1	2	10/17/13	<40	<400	<400	<3.9	<3.9	<3.9	<2	<2	<2	<2	NA	<2000	<20	<40	<400	<2	<990	<2	<2	<3.9	<3.9
BC-2	0.5	10/17/13	<38	<380	<380	<3.9	<3.9	<3.9	<1.9	<1.9	<1.9	<1.9	NA	<1900	<1.9	<38	<380	<1.9	<1900	<1.9	<3.9	<3.9	<3.9
BC-2	2	10/17/13	<40	<400	<400	<4	<4	1 J	<2	<2	<2	<2	NA	<2000	<2	<40	<400	<2	<2000	<2	<2	<4	<4
BC-3	0.5	10/17/13	<38	<380	<380	<76	<76	<76	<38	27.3 J	<38	NA	<1900	<38	<38	<380	<38	<950	<38	<38	<76	<76	<76
BC-3	2	10/17/13	<79	<790	<790	<4	<4	<4	<2	<2	<2	<2	NA	<3900	<2	<79	<790	<2	<2000	<2	<2	<4	<4
BC-4	0.5	10/17/13	<38	<380	<380	<38	<38	<38	<19	<19	<19	<19	NA	<1900	<19	<38	<380	<19	<960	<19	<38	<38	<38
BC-4	2	10/17/13	<38	<380	<380	<3.8	<3.8	2.8 J	<1.9	<1.9	<1.9	<1.9	NA	<1900	<1.9	<38	<380	<1.9	<1900	<1.9	<1.9	2.7 J	<3.8
DC-1	0.5	10/16/13	<81	<810	<810	<4	<4	<4	<2	<2	<2	<2	NA	<4000	<2	<81	<810	<2	<2000	<2	<2	<4	<4
DC-1	2	10/16/13	<85	<850	<850	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	NA	<4200	<2.1	<85	<850	<2.1	<2100	<2.1	<2.1	<4.2	<4.2
DC-10	0.5	10/09/13	<83	<830	<830	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	NA	<4200	<2.1	<83	<830	<2.1	<2100	<2.1	<2.1	<4.2	<4.2
DC-10	2	10/09/13	<32	<320	<320	<4.1	<4.1	<4.1	<2.1	<2.1	<2.1	<2.1	NA	<1600	<2.1	<32	<320	<2.1	<790	<2.1	<2.1	<4.1	<4.1
DC-11	0.5	10/09/13	<33	<330	<330	<4.1	<4.1	<4.1	<2	<2	<2	<2	NA	<1600	<2	<33	<330	<2	<820	<2	<2	<4.1	<4.1
DC-11	2	10/09/13	<34	<340	<340	<4.3	<4.3	<4.3	<2.2	<2.2	<2.2	<2.2	NA	<1700	<2.2	<34	<340	<2.2	<850	<2.2	<2.2	<4.3	<4.3
DC-12	0.5	10/09/13	<41	<410	<410	<4.1	<4.1	<4.1	<2.1	<2.1	<2.1	<2.1	NA	<2000	<2.1	<41	<410	<2.1	<1000	<2.1	<2.1	<4.1	<4.1
DC-12	2	10/09/13	<41	<410	<410	<4.1	<4.1	<4.1	<2.1	<2.1	<2.1	<2.1	NA	<2100	<2.1	<41	<410	<2.1	<1000	<2.1	<2.1	<4.1	<4.1
DC-13	0.5	10/16/13	<86	<860	<860	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	NA	<4300	<21	<86	<860	<2.1	<2100	<2.1	<2.1	<4.2	<4.2
DC-13	2	10/16/13	<81	<810	<810	<4	<4	<4	<2	<2	<2	<2	NA	<4100	<2	<81	<810	<2	<2000	<2	<2	<4	<4
DC-14	0.5	10/09/13	<41	<410	<410	<4.1	<4.1	<4.1	<2.1	<2.1	<2.1	<2.1	NA	<2100	<2.1	<41	<410	<2.1	<1000	<2.1	<2.1	<4.1	<4.1
DC-14	2	10/09/13	<40	<400	<400	<4.1	<4.1	<4.1	<2	<2	<2	<2	NA	<2000	<2	<40	<400	<2	<1000	<2	<2	<4.1	<4.1
DC-15	0.5	10/09/13	<39	<390	<390	<3.9	<3.9	<3.9	<2	<2	<2	<2	NA	<2000	<2	<39	<390	<2	<980	<2	<2	<3.9	<3.9
DC-15	2	10/09/13	<40	<400	<400	<4.1	<4.1	<4.1	<2.1	<2.1	<2.1	<2.1	NA	<2000	<2.1	<40	<400	<2.1	<1000	<2.1	<2.1	<4.1	<4.1
DC-16	0.5	10/16/13	<79	<790	<790	<4	<4	<4	<2	<2	<2	<2	NA	<4000	<20	<79	<790	<2	<2000	<2	<2	<4	<4
DC-16	2	10/16/13	<65	<650	<650	<3.3	<3.3	<3.3	<1.7	<1.7	<1.7	<1.7	NA	<3200	<17	<65	<650	<1.7	<1600	<1.7	<1.7	<3.3	<3.3
DC-17	0.5	10/09/13	<42	<420	<420	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	NA	<2100	<2.1	<42	<420	<2.1	<1100	<2.1	<2.1	<4.2	<4.2
DC-17	2	10/09/13	<40	<400	<400	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	NA	<2000	<2.1	<40	<400	<2.1	<1000	<2.1	<2.1	<4.2	<4.2
DC-18	0.5	10/09/13	<44	<440	<440	<4.4	<4.4	<4.4	<2.2	<2.2	<2.2	<2.2	NA	<2200	<2.2	<44	<440	<2.2	<1100	<2.2	<2.2	<4.4	<4.4
DC-18	2	10/09/13	<42	<420	<420	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	NA	<2100	<2.1	<42	<420	<2.1	<100				

Table 7
Soil Pesticide, Herbicide and PCB Results (ug/kg)
Clean Harbors Wichita
2549 New York Ave, Wichita

Boring	Depth	Date Sampled	2,4,5-T	2,4-D	2,4-Db	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	Alpha-Chlordane	beta-BHC	Chlordane (Technical)	Dalapon	delta-BHC	Dicamba	Dichlorprop	Endosulfa n I	Endosulfa n II	Endosulfan Sulfate	Endrin			
KDHE Tier II Soil->GW (res)			3750	695	2710	31800	24100	24600	812	NA	NA	NA	135000	NA	NA	4520	NA	193	12200	125000	NA	8040	NA	
DC-26	2	10/16/13	<33	<330	<330	<3.3	<3.3	<3.3	<1.7	<1.7	<1.7	<1.7	<1700	<17	<33	<330	<1.7	<830	<1.7	<1.7	<3.3	<3.3	<3.3	
DC-27	0.5	10/16/13	<39	<390	<390	<4.1	<4.1	<4.1	<2	<2	<2	<2	<2000	<20	<39	<390	<2	<990	<2	<2	<4.1	<4.1	<4.1	
DC-27	2	10/16/13	26.8 J	<430	<430	<4.3	<4.3	<4.3	<2.1	<2.1	<2.1	<2.1	<2100	<21	<43	<430	<2.1	<1100	<2.1	<2.1	<4.3	<4.3	<4.3	
DC-27	5	10/16/13	<40	<400	<400	<4	<4	<4	<2	<2	<2	<2	<2000	<20	<40	<400	<2	<1000	<2	<2	<4	<4	<4	
DC-28	0.5	10/16/13	<41	<410	<410	<4.1	<4.1	<4.1	<2	<2	<2	<2	<2100	<20	<41	<410	<2	<1000	<2	<2	<4.1	<4.1	<4.1	
DC-28	2	10/16/13	<34	<340	<340	<3.3	<3.3	<3.3	<1.7	<1.7	<1.7	<1.7	<1700	<17	<34	<340	<1.7	<840	<1.7	<1.7	<3.3	<3.3	<3.3	
DC-3	0.5	10/16/13	<200	<2000	<2000	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	<10000	<2.1	<200	<2000	<2.1	<5100	<2.1	<2.1	<4.2	<4.2	<4.2	
DC-3	2	10/16/13	<160	<1600	<1600	<3.3	<3.3	<3.3	<1.7	<1.7	<1.7	<1.7	<8200	<1.7	<160	<1600	<1.7	<4100	<1.7	<1.7	<3.3	<3.3	<3.3	
DC-4	0.5	10/10/13	<43	<430	<430	<4.3	<4.3	<4.3	<2.1	<2.1	<2.1	<2.1	<2100	<2.1	<43	<430	<2.1	<1100	<2.1	<2.1	<4.3	<4.3	<4.3	
DC-4	2	10/10/13	<42	<420	<420	<4.3	<4.3	<4.3	<2.1	<2.1	<2.1	<2.1	<2100	<2.1	<42	<420	<2.1	<1000	<2.1	<2.1	<4.3	<4.3	<4.3	
DC-5	0.5	10/16/13	<42	<420	<420	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	<2100	<21	<42	<420	<2.1	<1100	<2.1	<2.1	<4.2	<4.2	<4.2	
DC-5	2	10/16/13	<41	<410	<410	<4.1	<4.1	<4.1	<2	<2	<2	<2	<2100	<20	<41	<410	<2	<1000	<2	<2	<4.1	<4.1	<4.1	
DC-6	0.5	10/16/13	<87	<870	<870	<4.3	<4.3	<4.3	<2.1	<2.1	<2.1	<2.1	<4300	<2.1	<87	<870	<2.1	<2200	<2.1	<2.1	<4.3	<4.3	<4.3	
DC-6	2	10/16/13	<82	<820	<820	<4.1	<4.1	<4.1	<2.1	<2.1	<2.1	<2.1	<4100	<2.1	<82	<820	<2.1	<2100	<2.1	<2.1	<4.1	<4.1	<4.1	
DC-7	0.5	10/16/13	<42	<420	<420	<4.1	<4.1	<4.1	<2.1	<2.1	<2.1	<2.1	<2100	<21	<42	<420	<2.1	<1000	<2.1	<2.1	<4.1	<4.1	<4.1	
DC-7	2	10/16/13	<32	<320	<320	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	<1600	<17	<32	<320	<1.7	<810	<1.7	<1.7	<3.4	<3.4	<3.4	
DC-8	0.5	10/09/13	<33	<330	<330	<4.3	<4.3	<4.3	<2.1	<2.1	<2.1	<2.1	<1600	<2.1	<33	<330	<2.1	<820	<2.1	<2.1	<4.3	<4.3	<4.3	
DC-8	2	10/09/13	<36	<360	<360	<4.4	<4.4	<4.4	<2.2	<2.2	<2.2	<2.2	<1800	<2.2	<36	<360	<2.2	<890	<2.2	<2.2	<4.4	<4.4	<4.4	
DC-9	0.5	10/09/13	<210	<2100	<2100	0.69 J	<4.1	<4.1	<4.1	<2.1	<2.1	<2.1	<2.1	<10000	<2.1	<210	<2100	<2.1	<5100	<2.1	<2.1	<4.1	<4.1	<4.1
DC-9	2	10/09/13	<33	<330	<330	<4.2	<4.2	<4.2	<2.1	<2.1	<2.1	<2.1	<1700	<2.1	<33	<330	<2.1	<830	<2.1	<2.1	<4.2	<4.2	<4.2	
DC-SUMP	0.5	10/17/13	<41	<410	<410	<4	<4	1.1 J	<2	<2	1.3 J	<2	NA	<2000	<2	<41	<410	0.51 J	<2000	<2	<2	<4	<4	<4
DC-SUMP	2	10/17/13	<39	<390	<390	<3.9	<3.9	<3.9	<2	<2	<2	<2	NA	<1900	<2	<39	<390	<2	<1900	<2	<2	<3.9	<3.9	<3.9
JC-1	0.5	10/18/13	8.6 J	<330	<330	<3.3	<3.3	<3.3	<1.7	<1.7	<1.7	<1.7	NA	<1600	<1.7	<33	<330	<1.7	<820	<1.7	<1.7	<3.3	<3.3	<3.3
JC-1	2	10/18/13	<34	<340	<340	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	NA	520 J	<1.7	<34	<340	<1.7	<840	<1.7	<1.7	<3.4	<3.4	<3.4
JC-10	0.5	10/18/13	10 J	<340	<340	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	NA	<1700	<1.7	<34	<340	<1.7	<840	<1.7	<1.7	<3.4	<3.4	<3.4
JC-10	2	10/18/13	15.4 J	<330	<330	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	NA	<1700	<1.7	<33	<330	<1.7	<830	<1.7	<1.7	<3.4	<3.4	<3.4
JC-11	0.5	10/18/13	17.3 J	<340	<340	<3.3	<3.3	<3.3	<1.6	<1.6	<1.6	<1.6	NA	<1700	<1.6	<34	<340	<1.6	<840	<1.6	<1.6	<3.3	<3.3	<3.3
JC-11	2	10/18/13	15.1 J	<340	<340	<3.3	<3.3	<3.3	<1.6	<1.6	<1.6	<1.6	NA	&										

Table 7
Soil Pesticide, Herbicide and PCB Results (ug/kg)
Clean Harbors Wichita
2549 New York Ave, Wichita

Boring	Depth	Date Sampled	2,4,5-T	2,4-D	2,4-Db	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	Alpha-Chlordane	beta-BHC	Chlordane (Technical)	Dalapon	delta-BHC	Dicamba	Dichlorprop	Endosulfa n I	Endosulfa n II	Endosulfan Sulfate	Endrin	Aldehyde	
KDHE Tier II Soil->GW (res)			3750	695	2710	31800	24100	24600	812	NA	NA	NA	135000	NA	NA	4520	NA	193	12200	125000	NA	8040	NA
JC-7	2	10/18/13	<34	<340	<340	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	NA	<1700	<1.7	<34	<340	<1.7	<850	<1.7	<3.4	<3.4	<3.4
JC-8	0.5	10/18/13	<33	<330	<330	<3.3	<3.3	<3.3	<1.7	<1.7	<1.7	<1.7	NA	502 J	<1.7	<33	<330	<1.7	<820	<1.7	<3.3	<3.3	<3.3
JC-8	2	10/18/13	<34	<340	<340	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	NA	640 J	<1.7	<34	<340	<1.7	<840	<1.7	<3.4	<3.4	<3.4
JC-9	0.5	10/18/13	18.4 J	<330	<330	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	NA	<1600	<1.7	<33	<330	<1.7	<820	<1.7	<3.4	<3.4	<3.4
JC-9	2	10/18/13	8.2 J	<350	<350	<3.4	<3.4	<3.4	<1.7	<1.7	<1.7	<1.7	NA	<1700	<1.7	<35	<350	<1.7	<870	<1.7	<3.4	<3.4	<3.4
Historic Results																							
B-1	0.3	12/01/99	NA	NA	NA	<17	<17	<17	<17	<17	<17	<17	NA	<170	NA	<17	NA	<17	<17	<17	<17	<17	
B-12	3	12/02/99	NA	NA	NA	<17	<17	<17	<17	<17	<17	<17	NA	<170	NA	<17	NA	<17	<17	<17	<17	<17	
B-13	3	12/02/99	NA	NA	NA	<17	<17	<17	<17	<17	<17	<17	NA	<170	NA	<17	NA	<17	<17	<17	<17	<17	
B-30	0.3	12/01/99	NA	NA	NA	<17	17	<17	<17	<17	<17	<17	NA	<170	NA	<17	NA	<17	<17	<17	<17	<17	
B-32	3	11/30/99	NA	NA	NA	<17	<17	<17	<17	<17	<17	<17	NA	<170	NA	<17	NA	<17	<17	<17	<17	<17	
B-33	3	11/30/99	NA	NA	NA	<17	<17	<17	<17	<17	<17	<17	NA	<170	NA	<17	NA	<17	<17	<17	<17	<17	
B-34	3	11/30/99	NA	NA	NA	<17	<17	<17	<17	<17	<17	<17	NA	<170	NA	<17	NA	<17	<17	<17	<17	<17	

Notes:

Interim Action Objective - KDHE Tier II Soil to Groundwater (residential) value

NA - Not Analyzed

J - Estimated value below laboratory reporting limit

Table 7
Soil Pesticide, Herbicide and PCB Results (ug/kg)
Clean Harbors Wichita
2549 New York Ave, Wichita

Boring	Depth	Date Sampled	gamma-																	
			Endrin	BHC	Gamma-	Heptachlo-	Methox-	Pentachlor	Silvex	Toxaphene	Pcb-1016	Pcb-1221	Pcb-1232	Pcb-1242	Pcb-1248	Pcb-1254	Pcb-1260			
KDHE Tier II Soil->GW (res)			NA	113	NA	3300	405	NA	NA	215000	996	1950	46300	NA	NA	NA	NA	NA		
RFI Phase IV Results																				
BC-1	0.5	10/17/13	<3.9	<1.9	<1.9	<1.9	<1.9	<38000	<38000	<3.9	<38	<38	<97	<19	<19	<19	<19	<19		
BC-1	2	10/17/13	<3.9	<2	<2	<2	<2	<40000	<40000	<3.9	<40	<40	<99	<19	<19	<19	<19	<19		
BC-2	0.5	10/17/13	<3.9	<1.9	<1.9	<1.9	<1.9	<38000	<38000	<3.9	<38	<38	<97	<19	<19	<19	<19	<19		
BC-2	2	10/17/13	<4	<2	<2	<2	<2	<40000	<40000	<4	<40	<40	<100	<20	<20	<20	<20	<20		
BC-3	0.5	10/17/13	<76	<38	47.3	<38	19.1 J	<38000	<38000	<76	57	<38	2150	<1900	<1900	<1900	<1900	<1900		
BC-3	2	10/17/13	<4	<2	<2	<2	<2	<79000	<79000	<4	<79	<79	<100	<20	<20	<20	<20	<20		
BC-4	0.5	10/17/13	<38	<19	<19	<19	<19	<38000	<38000	<38	<38	<38	<960	<380	<380	<380	<380	<380		
BC-4	2	10/17/13	<3.8	<1.9	<1.9	<1.9	<1.9	<38000	<38000	<3.8	<38	<38	<96	<19	<19	<19	<19	<19		
DC-1	0.5	10/16/13	<4	<2	<2	<2	<2	<81000	<81000	<4	<81	<81	<100	<20	<20	<20	<20	<20		
DC-1	2	10/16/13	<4.2	<2.1	<2.1	<2.1	<2.1	<85000	<85000	<4.2	<85	<85	<110	<21	<21	<21	<21	<21		
DC-10	0.5	10/09/13	<4.2	<2.1	<2.1	<2.1	<2.1	<83000	<83000	<4.2	44.2 J	<83	<100	NA	NA	NA	NA	NA		
DC-10	2	10/09/13	<4.1	<2.1	<2.1	<2.1	<2.1	<32000	<32000	<4.1	8.9 J	<32	<100	NA	NA	NA	NA	NA		
DC-11	0.5	10/09/13	<4.1	<2	<2	<2	<2	<33000	<33000	<4.1	<33	<33	<100	NA	NA	NA	NA	NA		
DC-11	2	10/09/13	<4.3	<2.2	<2.2	<2.2	<2.2	<34000	<34000	<4.3	15 J	<34	<110	NA	NA	NA	NA	NA		
DC-12	0.5	10/09/13	<4.1	<2.1	<2.1	<2.1	<2.1	<41000	<41000	<4.1	<41	<41	<100	NA	NA	NA	NA	NA		
DC-12	2	10/09/13	<4.1	<2.1	<2.1	<2.1	<2.1	<41000	<41000	<4.1	<41	<41	<100	NA	NA	NA	NA	NA		
DC-13	0.5	10/16/13	<4.2	<2.1	<2.1	<2.1	<2.1	<86000	<86000	<4.2	<86	<86	<100	NA	NA	NA	NA	NA		
DC-13	2	10/16/13	<4	<2	<2	<2	<2	<81000	<81000	<4	<81	<81	<100	<20	<20	<20	<20	<20		
DC-14	0.5	10/09/13	<4.1	<2.1	<2.1	<2.1	<2.1	<41000	<41000	<4.1	<41	<41	<100	NA	NA	NA	NA	NA		
DC-14	2	10/09/13	<4.1	<2	<2	<2	<2	<40000	<40000	<4.1	<40	<40	<100	NA	NA	NA	NA	NA		
DC-15	0.5	10/09/13	<3.9	<2	<2	<2	<2	<39000	<39000	<3.9	<39	<39	<98	NA	NA	NA	NA	NA		
DC-15	2	10/09/13	<4.1	<2.1	<2.1	<2.1	<2.1	<40000	<40000	<4.1	<40	<40	<100	NA	NA	NA	NA	NA		
DC-16	0.5	10/16/13	<4	<2	<2	<2	<2	<79000	<79000	<4	<79	<79	<99	<77	<77	<77	<77	<77		
DC-16	2	10/16/13	<3.3	<1.7	<1.7	<1.7	<1.7	<65000	<65000	<3.3	<65	<65	<83	<17	<17	<17	<17	<17		
DC-17	0.5	10/09/13	<4.2	<2.1	<2.1	<2.1	<2.1	<42000	<42000	<4.2	<42	<42	<110	NA	NA	NA	NA	NA		
DC-17	2	10/09/13	<4.2	<2.1	<2.1	<2.1	<2.1	<40000	<40000	<4.2	<40	<40	<100	NA	NA	NA	NA	NA		
DC-18	0.5	10/09/13	<4.4	<2.2	<2.2	<2.2	<2.2	<44000	<44000	<4.4	<44	<44	<110	NA	NA	NA	NA	NA		
DC-18	2	10/09/13	<4.2	<2.1	<2.1	<2.1	<2.1	<42000	<42000	<4.2	<42	<42	<110	NA	NA	NA	NA	NA		
DC-19	0.5	10/09/13	<20	<10	<10	<10	<10	<40000	<40000	<20	<40	<40	<510	NA	NA	NA	NA	NA		
DC-19	2	10/09/13	<4.1	<2	<2	<2	<2	<41000	<41000	<4.1	<41	<41	<100	NA	NA	NA	NA	NA		
DC-2	0.5	10/10/13	<4.3	<2.1	<2.1	<2.1	<2.1	<42000	<42000	<4.3	<42	<42	<110	NA	NA	NA	NA	NA		
DC-2	2	10/10/13	<4.1	<2.1	<2.1	<2.1	<2.1	<41000	<41000	<4.1	<41	<41	<100	NA	NA	NA	NA	NA		
DC-20	0.5	10/09/13	<4.1	<2	<2	<2	<2	<41000	<41000	<4.1	<41	<41	<100	NA	NA	NA	NA	NA		
DC-20	2	10/09/13	<4.3	<2.2	<2.2	<2.2	<2.2	<42000	<42000	<4.3	<42	<42	<110	NA	NA	NA	NA	NA		
DC-21	0.5	10/16/13	<4.3	<2.2	<2.2	<2.2	<2.2	<87000	<87000	<4.3	<87	<87	<110	<22	<22	<22	<22	<22		
DC-21	2	10/16/13	<3.9	<1.9	<1.9	<1.9	<1.9	<79000	<79000	<3.9	<79	<79	<97	<20	<20	<20	<20	<20		
DC-22	0.																			

Table 7
Soil Pesticide, Herbicide and PCB Results (ug/kg)
Clean Harbors Wichita
2549 New York Ave, Wichita

Boring	Depth	Date Sampled	gamma-															
			Endrin	BHC	Gamma-	Heptachlo-	Methox-	Pentachlor	Silvex	Toxaphene	Pcb-1016	Pcb-1221	Pcb-1232	Pcb-1242	Pcb-1248	Pcb-1254	Pcb-1260	
KDHE Tier II Soil->GW (res)			NA	113	NA	3300	405	NA	NA	215000	996	1950	46300	NA	NA	NA	NA	NA
DC-26	2	10/16/13	<3.3	<1.7	<1.7	<1.7	<1.7	<33000	<33000	<3.3	<33	<33	<83	<20	<20	<20	<20	<20
DC-27	0.5	10/16/13	<4.1	<2	<2	<2	<2	<39000	<39000	<4.1	<39	<39	<100	<20	<20	<20	<20	<20
DC-27	2	10/16/13	<4.3	<2.1	<2.1	<2.1	<2.1	<43000	<43000	<4.3	<43	<43	<110	NA	NA	NA	NA	NA
DC-27	5	10/16/13	<4	<2	<2	<2	<2	<40000	<40000	<4	<40	<40	<100	NA	NA	NA	NA	NA
DC-28	0.5	10/16/13	<4.1	<2	<2	<2	<2	<41000	<41000	<4.1	<41	<41	<100	<20	<20	<20	<20	<20
DC-28	2	10/16/13	<3.3	<1.7	<1.7	<1.7	<1.7	<34000	26500J	<3.3	<68	<34	<83	<16	<16	<16	<16	<16
DC-3	0.5	10/16/13	<4.2	<2.1	<2.1	<2.1	<2.1	<200000	<200000	<4.2	<200	<200	<100	<21	<21	<21	<21	<21
DC-3	2	10/16/13	<3.3	<1.7	<1.7	<1.7	<1.7	<160000	<160000	<3.3	<160	<160	<83	<17	<17	<17	<17	<17
DC-4	0.5	10/10/13	<4.3	<2.1	<2.1	<2.1	<2.1	<43000	<43000	<4.3	<43	<43	<110	NA	NA	NA	NA	NA
DC-4	2	10/10/13	<4.3	<2.1	<2.1	<2.1	<2.1	<42000	<42000	<4.3	<42	<42	<110	NA	NA	NA	NA	NA
DC-5	0.5	10/16/13	<4.2	<2.1	<2.1	<2.1	<2.1	<42000	<42000	<4.2	<42	<42	<110	<21	<21	<21	<21	<21
DC-5	2	10/16/13	<4.1	<2	<2	<2	<2	<41000	<41000	<4.1	<41	<41	<100	<20	<20	<20	<20	<20
DC-6	0.5	10/16/13	<4.3	<2.1	<2.1	<2.1	<2.1	<87000	<87000	<4.3	<87	<87	<110	<21	<21	<21	<21	<21
DC-6	2	10/16/13	<4.1	<2.1	<2.1	<2.1	<2.1	<82000	<82000	<4.1	<82	<82	<100	<21	<21	<21	<21	<21
DC-7	0.5	10/16/13	<4.1	<2.1	<2.1	<2.1	<2.1	<42000	<42000	<4.1	<42	<42	<100	<21	<21	<21	<21	<21
DC-7	2	10/16/13	<3.4	<1.7	<1.7	<1.7	<1.7	<32000	<32000	<3.4	<32	<32	<84	<17	<17	<17	<17	<17
DC-8	0.5	10/09/13	<4.3	<2.1	<2.1	<2.1	<2.1	<33000	<33000	<4.3	<33	<33	<110	NA	NA	NA	NA	NA
DC-8	2	10/09/13	<4.4	<2.2	<2.2	<2.2	<2.2	<36000	<36000	<4.4	<36	<36	<110	NA	NA	NA	NA	NA
DC-9	0.5	10/09/13	<4.1	<2.1	<2.1	<2.1	<2.1	<210000	<210000	<4.1	<210	<210	<100	NA	NA	NA	NA	NA
DC-9	2	10/09/13	<4.2	<2.1	<2.1	<2.1	<2.1	<33000	<33000	<4.2	<33	<33	<110	NA	NA	NA	NA	NA
DC-SUMP	0.5	10/17/13	<4	<2	1.7J	<2	<2	<41000	<41000	93.5	<41	<41	<100	<20	<20	<20	<20	<20
DC-SUMP	2	10/17/13	<3.9	<2	<2	<2	<2	<39000	<39000	9.3	<39	<39	<99	<20	<20	<20	<20	<20
JC-1	0.5	10/18/13	<3.3	<1.7	<1.7	<1.7	<1.7	<33000	<33000	<3.3	<33	<33	<83	<17	<17	<17	<17	<17
JC-1	2	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<34000	<34000	<3.4	<34	<34	<84	<17	<17	<17	<17	<17
JC-10	0.5	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<34000	<34000	<3.4	<34	<34	<85	<17	<17	<17	<17	<17
JC-10	2	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<33000	<33000	<3.4	<33	<33	<84	<17	<17	<17	<17	<17
JC-11	0.5	10/18/13	<3.3	<1.6	<1.6	<1.6	<1.6	<34000	<34000	<3.3	<34	<34	<82	<16	<16	<16	<16	<16
JC-11	2	10/18/13	<3.3	<1.6	<1.6	<1.6	<1.6	<34000	<34000	<3.3	<34	<34	<82	<17	<17	<17	<17	<17
JC-12	0.5	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<33000	<33000	<3.4	<33	<33	<84	<17	<17	<17	8.4J	<17
JC-12	2	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<34000	<34000	<3.4	<34	<34	<85	<17	<17	<17	<17	<17
JC-13	0.5	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<34000	<34000	<3.4	<34	<34	<86	<17	<17	<17	<17	<17
JC-13	2	10/18/13	<3.3	<1.7	<1.7	<1.7	<1.7	<34000	<34000	<3.3	<34	<34	<83	<17	<17	<17	<17	<17
JC-14	0.5	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	NA	NA	<3.4	NA	NA	<85	NA	NA	NA	NA	NA
JC-14	2	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<49000	<49000	<3.4	<49	<49	<85	<17	<17	<17	<17	<17
JC-2	0.5	10/18/13	<3.3	<1.7	<1.7	<1.7	<1.7	<33000	<33000	<3.3	<33	<33	<84	<17	<17	<17	<17	<17
JC-2	2	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<35000	<35000	<3.4	<35	<35	<84	<17	<17	<17	<17</	

Table 7
Soil Pesticide, Herbicide and PCB Results (ug/kg)
Clean Harbors Wichita
2549 New York Ave, Wichita

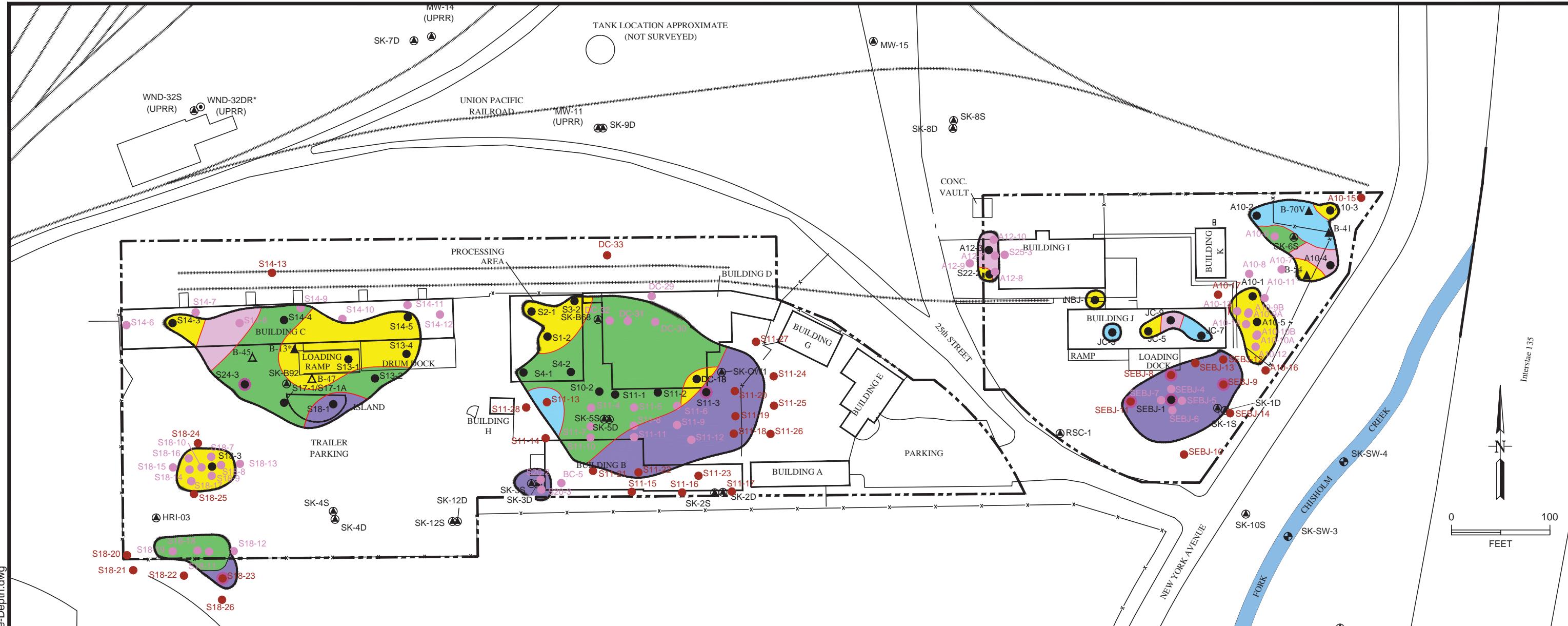
Boring	Depth	Date Sampled	gamma-														
			Endrin	BHC	Gamma-	Heptachlor	Methox	Pentachlor	Silvex	Toxaphene	Pcb-1016	Pcb-1221	Pcb-1232	Pcb-1242	Pcb-1248	Pcb-1254	Pcb-1260
KDHE Tier II Soil->GW (res)			NA	113	NA	3300	405	NA	NA	215000	996	1950	46300	NA	NA	NA	NA
JC-7	2	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<34000	<34000	<3.4	<34	<34	<84	<17	<17	<17	<17
JC-8	0.5	10/18/13	<3.3	<1.7	<1.7	<1.7	<1.7	<33000	<33000	<3.3	<33	<33	<83	<17	<17	<17	<17
JC-8	2	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<34000	<34000	<3.4	<34	<34	<85	<17	<17	<17	<17
JC-9	0.5	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<33000	<33000	<3.4	<33	<33	<84	<17	<17	<17	<17
JC-9	2	10/18/13	<3.4	<1.7	<1.7	<1.7	<1.7	<35000	<35000	<3.4	<35	<35	<84	<17	<17	<17	<17
Historic Results																	
B-1	0.3	12/01/99	NA	<17	NA	<17	<17	NA	NA	<33	NA	NA	<670	NA	NA	NA	NA
B-12	3	12/02/99	NA	<17	NA	<17	<17	NA	NA	<33	NA	NA	<670	NA	NA	NA	NA
B-13	3	12/02/99	NA	<17	NA	<17	<17	NA	NA	<33	NA	NA	<670	NA	NA	NA	NA
B-30	0.3	12/01/99	NA	<17	NA	<17	<17	NA	NA	<33	NA	NA	<670	NA	NA	NA	NA
B-32	3	11/30/99	NA	<17	NA	<17	<17	NA	NA	<33	NA	NA	<670	NA	NA	NA	NA
B-33	3	11/30/99	NA	<17	NA	<17	<17	NA	NA	<33	NA	NA	<670	NA	NA	NA	NA
B-34	3	11/30/99	NA	<17	NA	<17	<17	NA	NA	<33	NA	NA	<670	NA	NA	NA	NA

Notes:

Interim Action Objective - KDHE Tier II Soil t

NA - Not Analyzed

J - Estimated value below laboratory reporti



LEGEND

- ▲ GROUNDWATER MONITORING WELL (2 INCHØ)
(UPRR) INDICATES A WELL ON UPRR PROPERTY
- GEOPROBE MONITORING WELL (1 INCHØ)
- ◆ SURFACE WATER SAMPLE
- RAILROAD TRACKS
- FENCE
- FACILITY BOUNDARY (NOT SURVEYED)
- * WELL NOT SURVEYED, LOCATION APPROXIMATE

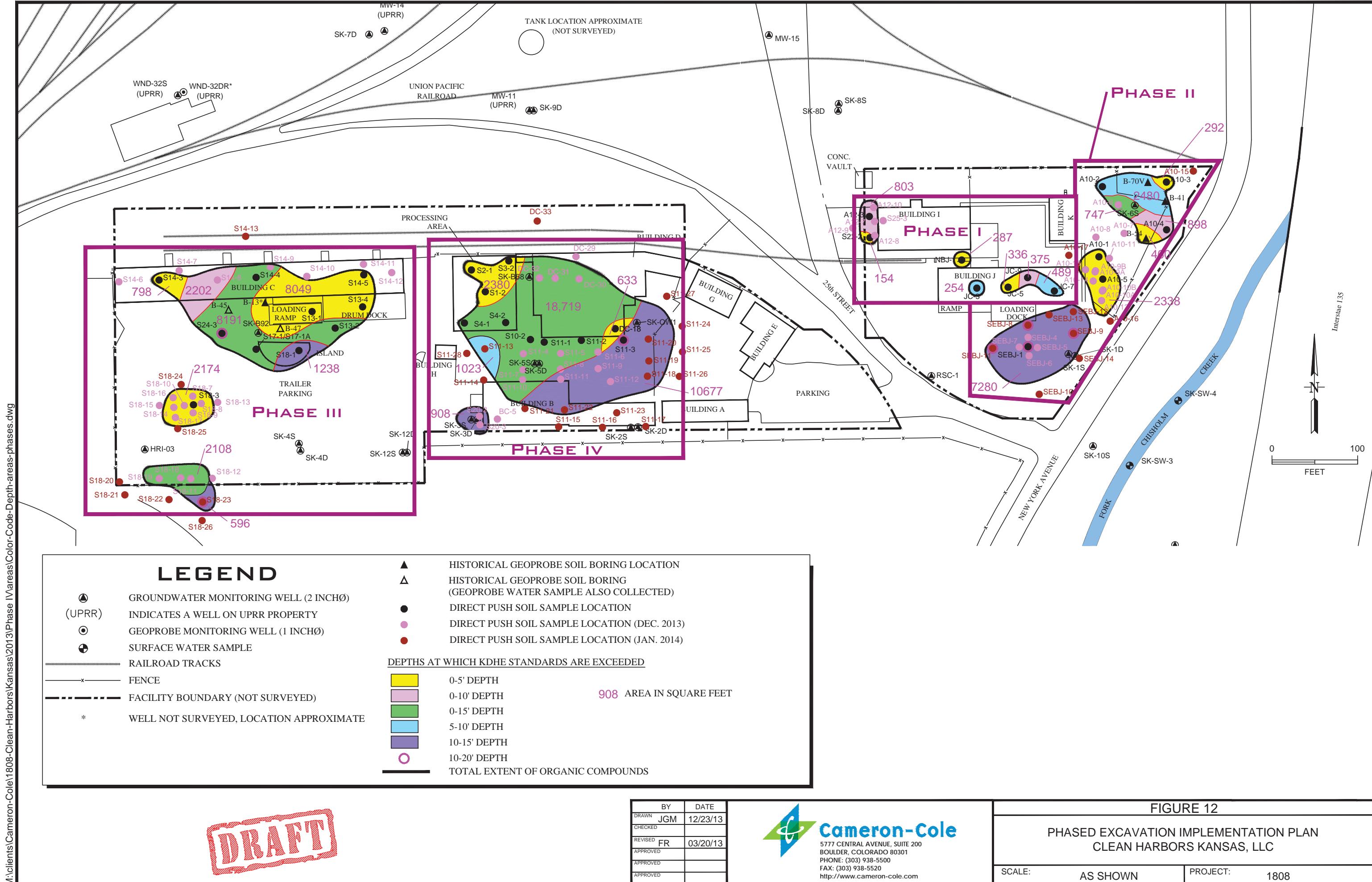
- ▲ HISTORICAL GEOPROBE SOIL BORING LOCATION
 - △ HISTORICAL GEOPROBE SOIL BORING (GEOPROBE WATER SAMPLE ALSO COLLECTED)
 - DIRECT PUSH SOIL SAMPLE LOCATION
 - DIRECT PUSH SOIL SAMPLE LOCATION (DEC. 2013)
 - DIRECT PUSH SOIL SAMPLE LOCATION (JAN. 2014)
- DEPTHS AT WHICH KDHE STANDARDS ARE EXCEEDED
- | | |
|---|--------------|
| ■ | 0-5' DEPTH |
| ■ | 0-10' DEPTH |
| ■ | 0-15' DEPTH |
| ■ | 5-10' DEPTH |
| ■ | 10-15' DEPTH |
| ■ | 10-20' DEPTH |
- TOTAL EXTENT OF ORGANIC COMPOUNDS

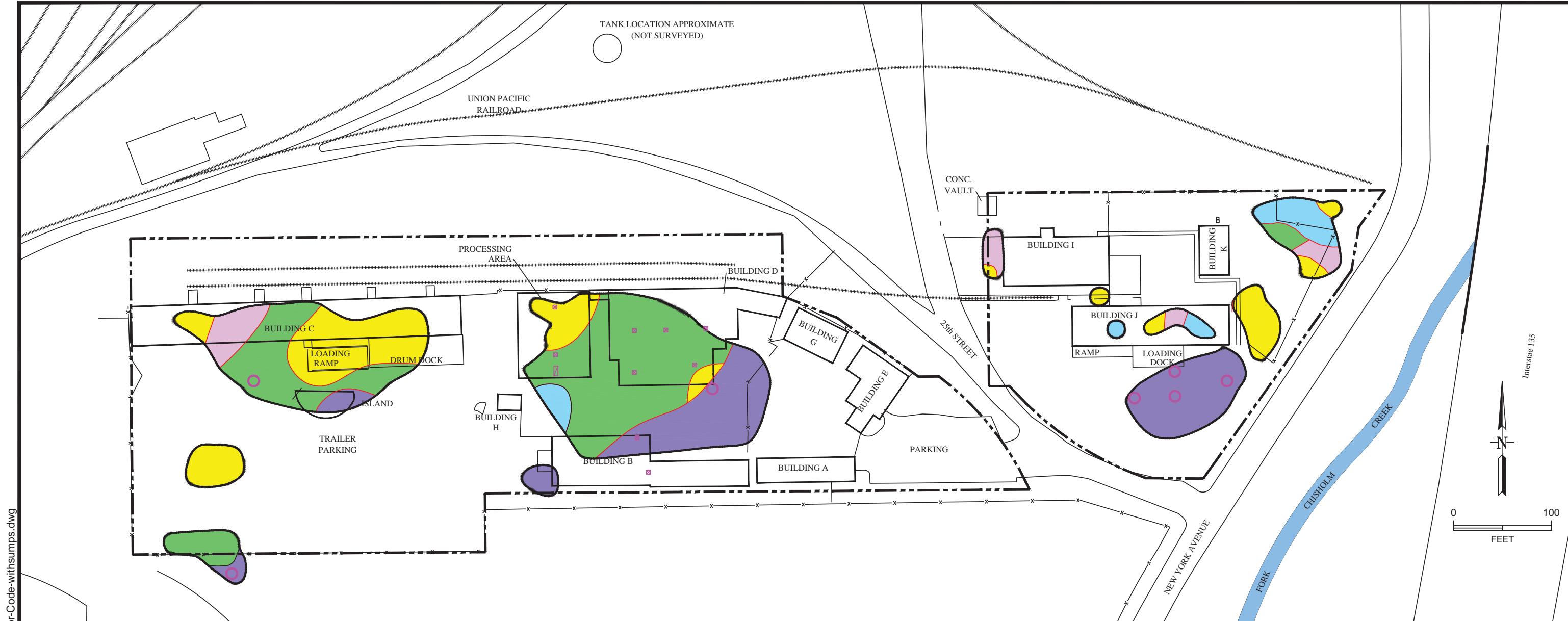
DRAFT

BY	DATE
DRAWN	JGM 12/23/13
CHECKED	
REVISED	JGM 01/13/14
APPROVED	
APPROVED	
APPROVED	

FIGURE 9

TOTAL EXTENT of ORGANIC COMPOUNDS EXCEEDING
PRELIMINARY RAO (0 - 20ft)
CLEAN HARBORS KANSAS, LLC



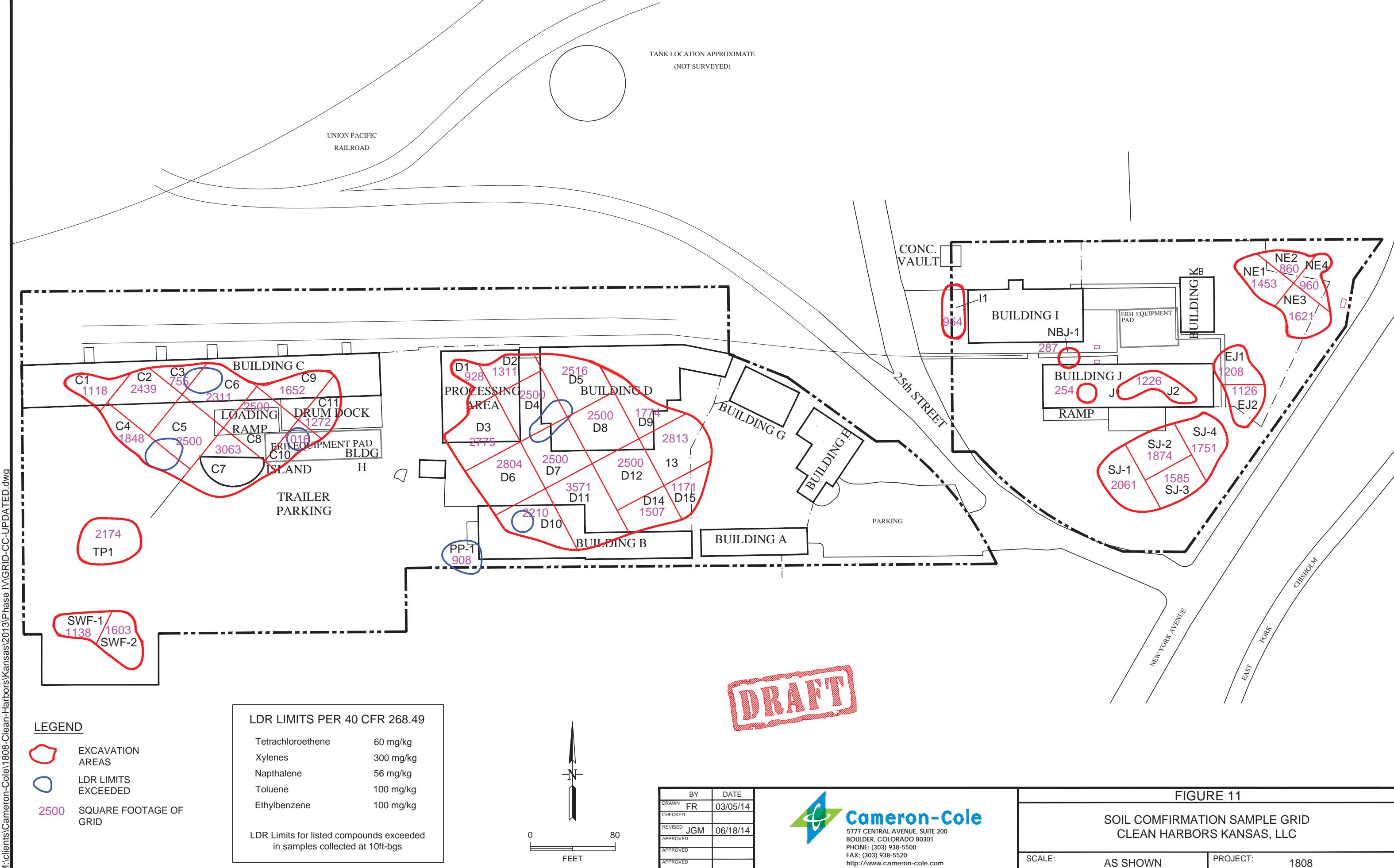


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BY	DATE
DRAWN	FR 4/9/14
CHECKED	
REVISED	
APPROVED	
APPROVED	
APPROVED	

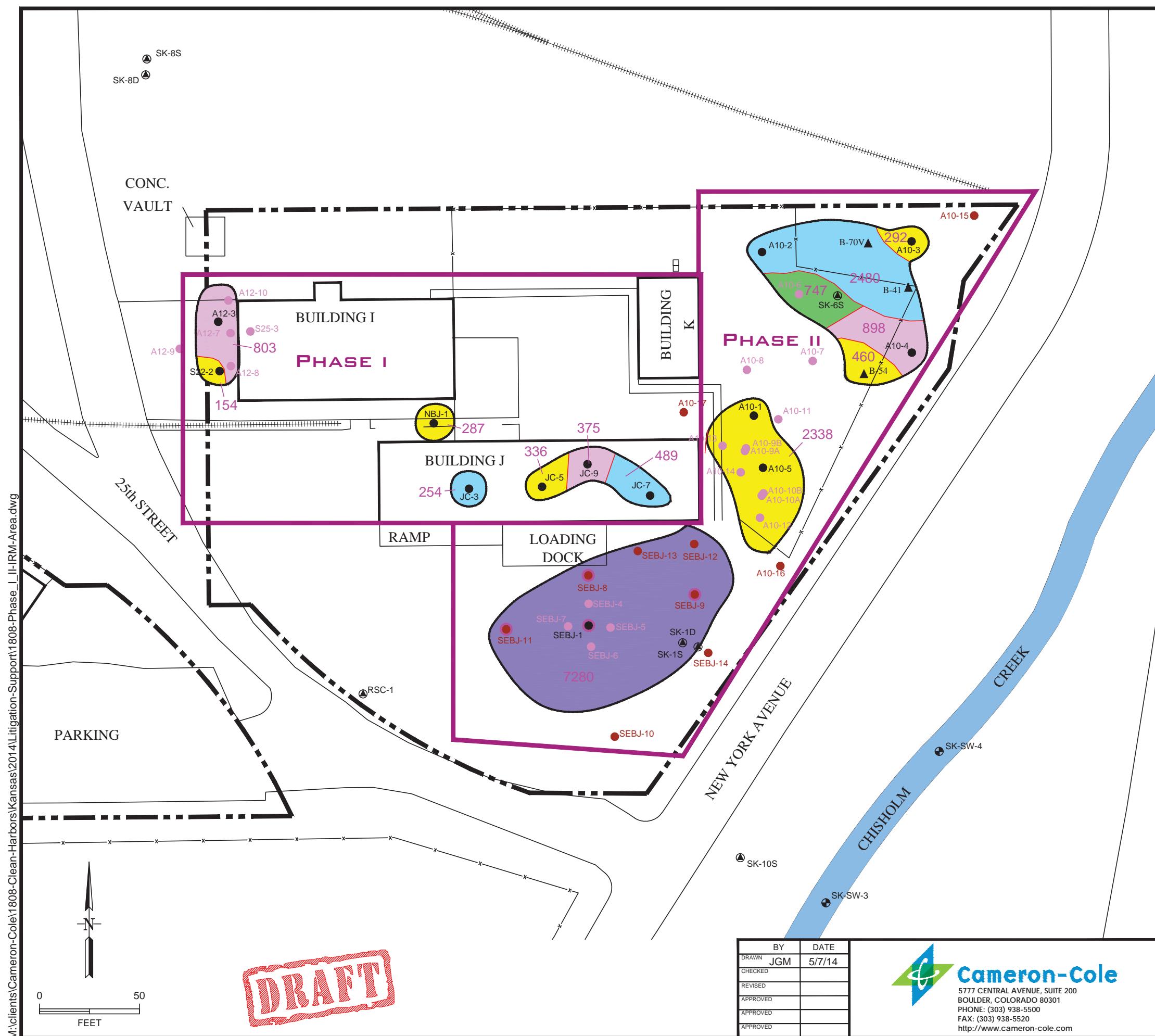
FIGURE X

SUMP LOCATIONS
CLEAN HARBORS KANSAS, LLC



LEGEND

- ▲ (UPRR) GROUNDWATER MONITORING WELL (2 INCHØ)
- (UPRR) INDICATES A WELL ON UPRR PROPERTY
- (GEOPROBE) GEOPROBE MONITORING WELL (1 INCHØ)
- (SURFACE WATER SAMPLE) SURFACE WATER SAMPLE
- ||||| RAILROAD TRACKS
- FENCE
- Facility Boundary (Not Surveyed)
- * WELL NOT SURVEYED, LOCATION APPROXIMATE
- ▲ HISTORICAL GEOPROBE SOIL BORING LOCATION
- △ HISTORICAL GEOPROBE SOIL BORING (GEOPROBE WATER SAMPLE ALSO COLLECTED)
- DIRECT PUSH SOIL SAMPLE LOCATION
- (PINK) DIRECT PUSH SOIL SAMPLE LOCATION (DEC. 2013)
- (RED) DIRECT PUSH SOIL SAMPLE LOCATION (JAN. 2014)
- DEPTHS AT WHICH KDHE STANDARDS ARE EXCEEDED
- 0-5' DEPTH
- 0-10' DEPTH
- 0-15' DEPTH
- 5-10' DEPTH
- 10-15' DEPTH
- 10-20' DEPTH
- TOTAL EXTENT OF ORGANIC COMPOUNDS
- AREA IN SQUARE FEET



LDR LIMITS PER 40 CFR 268.49

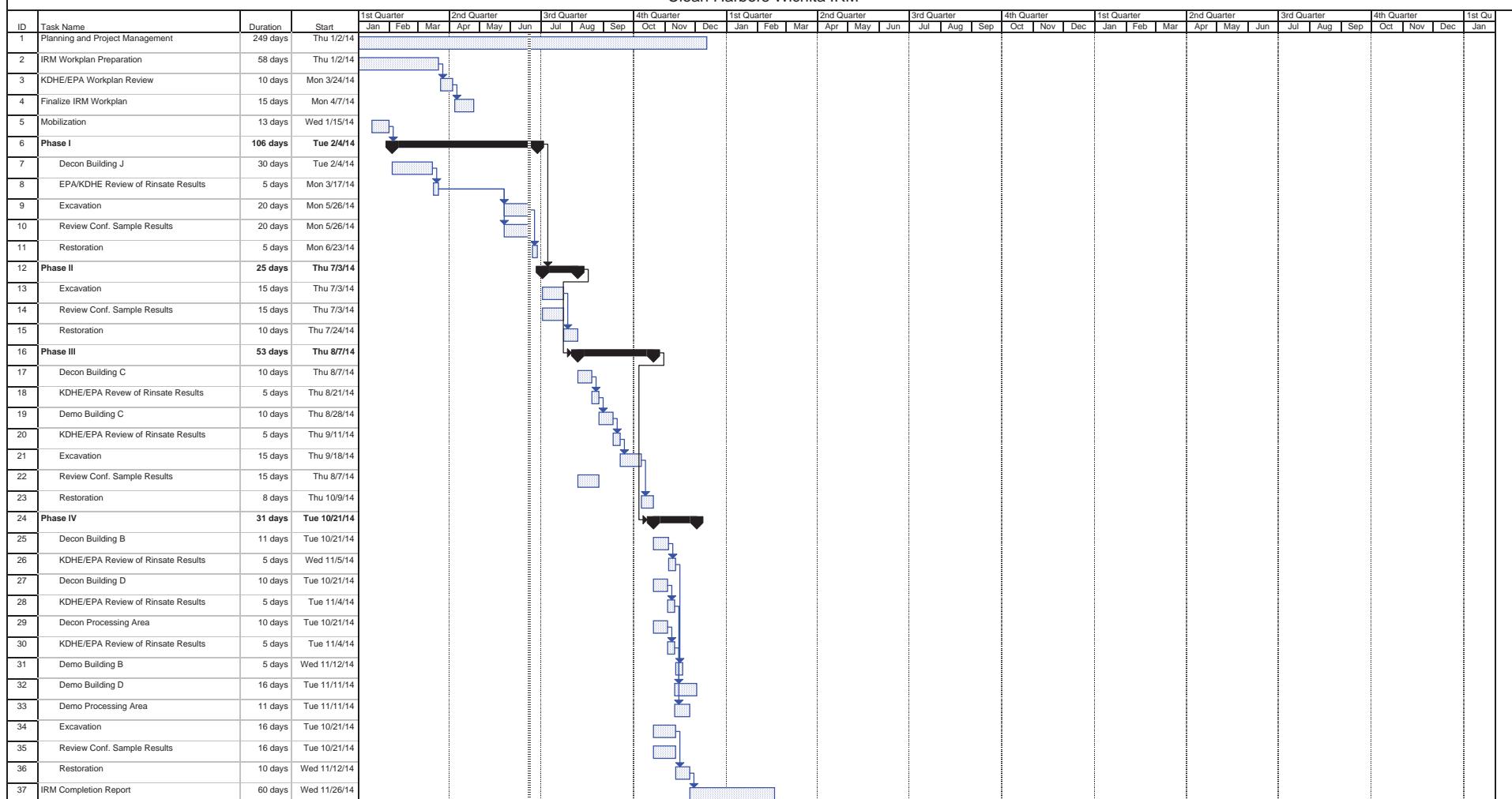
Tetrachloroethene	60 mg/kg
Xylenes	300 mg/kg
Naphthalene	56 mg/kg
Toluene	100 mg/kg
Ethylbenzene	100 mg/kg

LDR Limits for listed compounds exceeded in samples collected west of Building 1 at 10ft-bgs

BY	DATE
DRAWN JGM	5/7/14
CHECKED	
REVISED	
APPROVED	
APPROVED	
APPROVED	

DRAFT

Figure 13
Baseline Schedule
Clean Harbors Wichita IRM



Public Notice to Interested Parties

Public notice is hereby given that Clean Harbors Kansas, LLC has implemented one (1) Class 1 Permit Modification and is providing a Fact Sheet for Interim Remedial Action at the Wichita Facility located at 2549 N New York Avenue.

Clean Harbors Kansas, LLC owns/operates the facility located at 2549 N New York Avenue, Wichita, Kansas 67219. The facility is permitted to treat and store hazardous and non-hazardous waste as defined and in accordance with Kansas law and the rules administered by the Kansas Department of Health and Environment (KDHE).

The purpose of this notice is to provide notice that Table H-1, List of Emergency Coordinators, and Appendix H-B, Emergency Telephone Listing of Local Authorities, have been updated in the Facility Contingency Plan to reflect changes in the list of individuals designated as emergency response personnel. As a Class 1 Modification, these changes require notice of persons on the facility mailing list in accordance with 40 CFR 270.42(a)(ii).

The Fact Sheet provides background information about the site, previous work to identify site contamination and the remediation activities planned for the future. The remedial actions will be overseen by EPA and KDHE. For more information about this project, contact information is available on the Fact Sheet.

Questions concerning the Class 1 Modification can be directed to Clean Harbors by contacting Mr. Lon Stewart at (669) 800-7958. Questions can also be directed to the KDHE contact person, Mr. Akhtar Hossain at (785) 296-1610, or 1000 SW Jackson Street Suite 320 Topeka, Kansas 66612-1366.

FACT SHEET INTERIM REMEDIAL ACTIONS

CLEAN HARBORS KANSAS LLC

2549 NEW YORK AVENUE, WICHITA KANSAS

EPA Identification Number KSD007246846

BACKGROUND

The Clean Harbors Kansas LLC Site, located at 2549 N New York Avenue in Wichita Kansas, is currently operated by Clean Harbors Environmental Services as a hazardous waste treatment and storage facility under a Resource Conservation and Recovery Act (RCRA) permit issued by the Kansas Department of Health and Environment (KDHE) and the United States Environmental Protection Agency (EPA) on September 29, 2012. The Site has been used historically for a number of industrial purposes beginning in the 1940s.

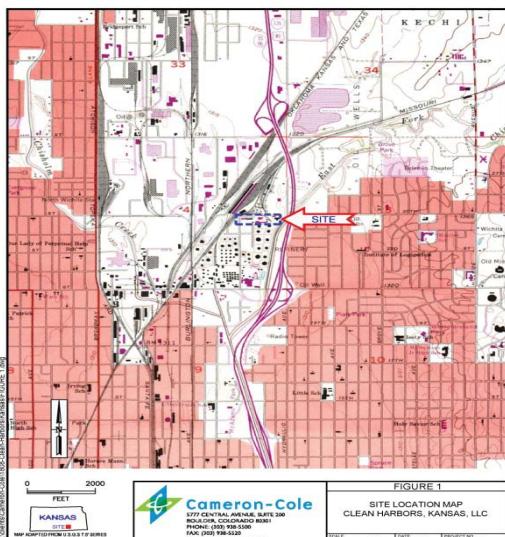


FIGURE 1
SITE LOCATION MAP
CLEAN HARBORS, KANSAS, LLC

The purpose of this Fact Sheet is to provide information about an Interim Remedial Action that will soon be implemented at the Clean Harbors Kansas LLC Facility. This notification is being provided to nearby landowners, residents/occupants as well as other interested parties. It describes site background, past work to investigate site contamination, next steps and how you can obtain more information.

The Clean Harbors Site is located within the North Industrial Corridor (NIC) site in north-central Wichita. The NIC site is comprised of the former 29th and Mead Superfund site and multiple other facilities identified as sources to the area-wide commingled ground water contamination. The NIC site is comprised of over 4,000 acres of commercial, industrial, residential, agricultural, and recreational

property and is managed under a consent order between Kansas and the City of Wichita with input from a NIC participants group. Oversight of the NIC site is conducted primarily by KDHE, with assistance from EPA.

Site investigations conducted at the Clean Harbors Site between 1999 and 2013 have identified the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals in Site soil and groundwater. Ground water contamination commingles with contaminant plumes associated with the NIC site both up gradient and down gradient of the facility. Shallow groundwater at the Site discharges to the East Fork of Chisolm Creek and is not currently used for domestic water supply. An Environmental Indicator assessment for human exposure was completed for the site in 2004 and concluded that, at that time, "Current Human Exposures" are expected to be under control under current and reasonably expected conditions.

Recent Site investigation activity between September 2013 and February 2014 was performed to fully delineate the extent of Site soil contamination requiring remedial action and to collect additional information needed to identify appropriate remedies.

NEXT STEPS

The EPA has approved the RCRA Soil Interim Remedial Measures Work Plan submitted by Clean Harbors to conduct excavation and off-site disposal of approximately 35,000 cubic yards of impacted soil. This interim action will also include demolition of numerous structures on the facility that overlie contaminated soil. Excavated soil will be transported off-site for treatment and/or disposal. Soil excavated from the Site will be disposed at either Clean Harbors Lone Mountain landfill in Waynoka Oklahoma or Clean Harbors Kimball Incineration Facility in Kimball Nebraska. This interim soil remedial action is intended to remove the source of ongoing contamination to ground water from the Clean Harbors facility and is anticipated to be part of the final remedy for the Clean Harbors Site. This interim action will be overseen by EPA and KDHE. The interim remedial action will be conducted in four phases and is expected to be completed by December 2014. During this time, increased truck traffic and demolition activity will occur in the immediate Site vicinity. The proposed final site remedy will be public noticed in the future with a 30 day public comment period.

FOR MORE INFORMATION

For additional information contact EPA Project Manager Christine Jump at (913) 551-7141 or email at jump.chris@epa.gov or Clean Harbors project manager Martin Smith at (417) 358-0826 or email smith.martin@cleanharbors.com.

Ronald Hopkins
Kansas Dept. of Wildlife & Parks
255 N Water
Wichita, KS 67202

Steve Lindsey
Kansas Tree Farm Committee
P. O. Box 265
LaCvne, KS 66040

Hon. Jerry Moran
U. S. Senate
800 SW Jackson, Ste 1108
Topeka, KS 66612

Terry Shistar
Sierra Club
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Kansas Livestock Association/Kansas Beef Council
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